

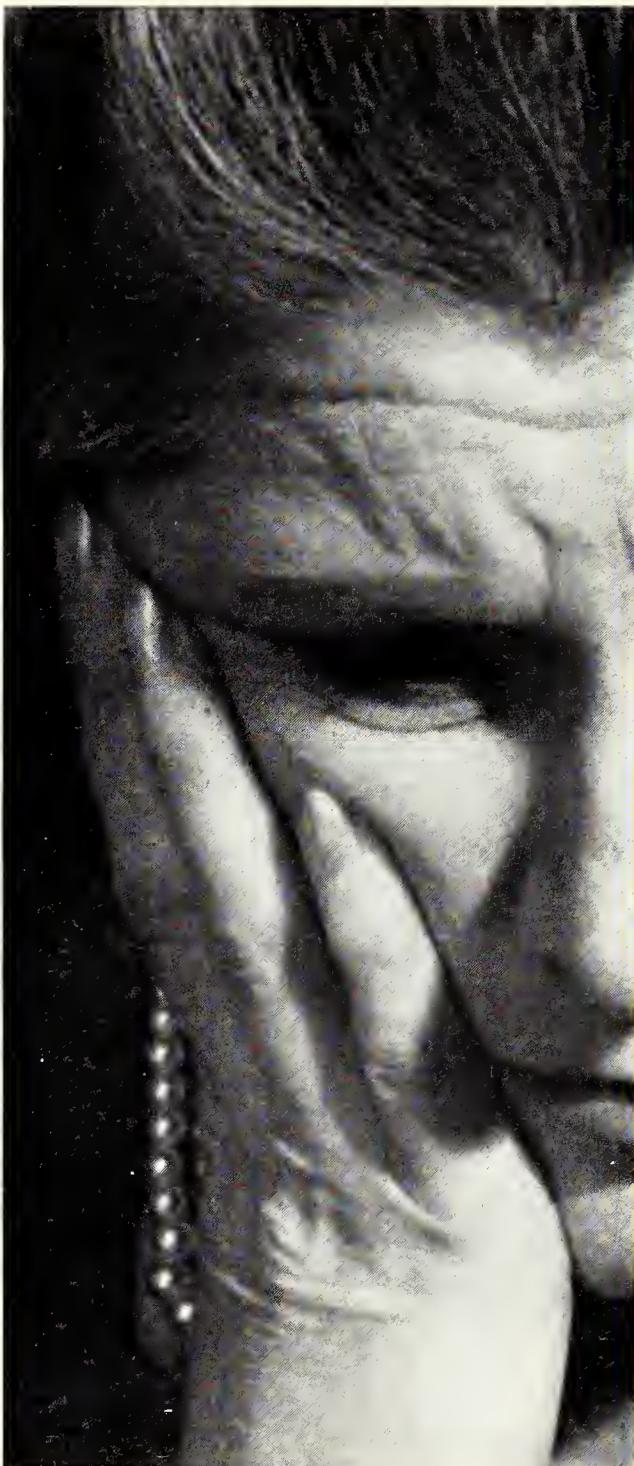
The



CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

OCTOBER 31 1964



**Their
answer
in your
hands**

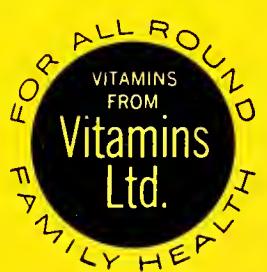
It's surprising how many people take their problems to the Chemist's Shop. But it's no surprise to the pharmacist. He meets those problems daily and few customers ever leave his shop dissatisfied. To the resources of the pharmacist are added those of Vitamins Ltd., Britain's leading specialists in vitamin preparations. For prescription and counter.

BEFORTISS

To promote appetite and general well-being, to build up resistance.

OROVITE

Helps to ensure speedier recovery for those convalescing after illness.



ELING A BIT UNDER THE WEATHER...

'THINGS ARE A BIT ON TOP OF ME JUST NOW...'

BONUS! ON BOTH!



sg/2

one tube free

During November only : 12 charged as 11

12 tubes for the price of 11—and Purchase Tax is not charged on the bonus. This special Bonus Offer applies to both GLYMIEL and the new favourite—ROSE GLYMIEL. And remember—it's valid only during the month of November. Send in your order now to your nearest branch of The Sangers Group.

	RETAIL	TRADE
GLYMIEL	1/3	8/6 doz.
	1/9	12/- doz.
ROSE GLYMIEL	2/-	13/10 doz.

THE SANGERS GROUP

Big sales news for every chemist and beauty counter!

NAILFORM

the famous Magic Liquid Nails now available to you through

FOOD BROKERS LIMITED

This amazing nail product has sold 18 million in America and Europe!

Yes—now you can cash in on the Nailform boom. This amazing beauty product (manufactured by Honorhouse Ltd. of London and New York) has been selling in the U.K. for over a year by mail order at a fantastic rate.

In just a few months in the States it reached record sales of over 18 million !

Now that the U.K. market is established, we have stopped mail order completely to give you all these certain sales by distributing through Food Brokers Ltd.

WHAT IS NAILFORM ?

It builds strong, lovely nails from ugly broken ones—just by painting on like a nail varnish! *What's more, it sells at the astonishingly competitive price of just 12/6.*

ADVERTISING BASED ON SALES EXPERIENCE

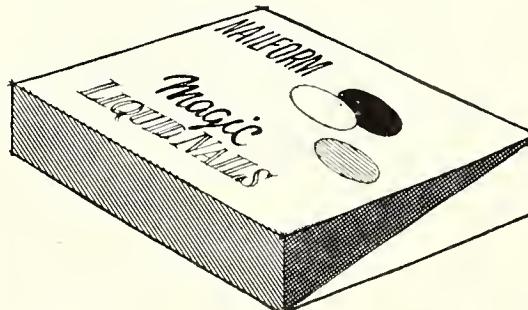
An extensive campaign of hard hitting advertisements in sixteen popular magazines is booked. Every one of these spaces has been *proved* in sales effectiveness from mail order experience. There are really high volume sales here for the taking!

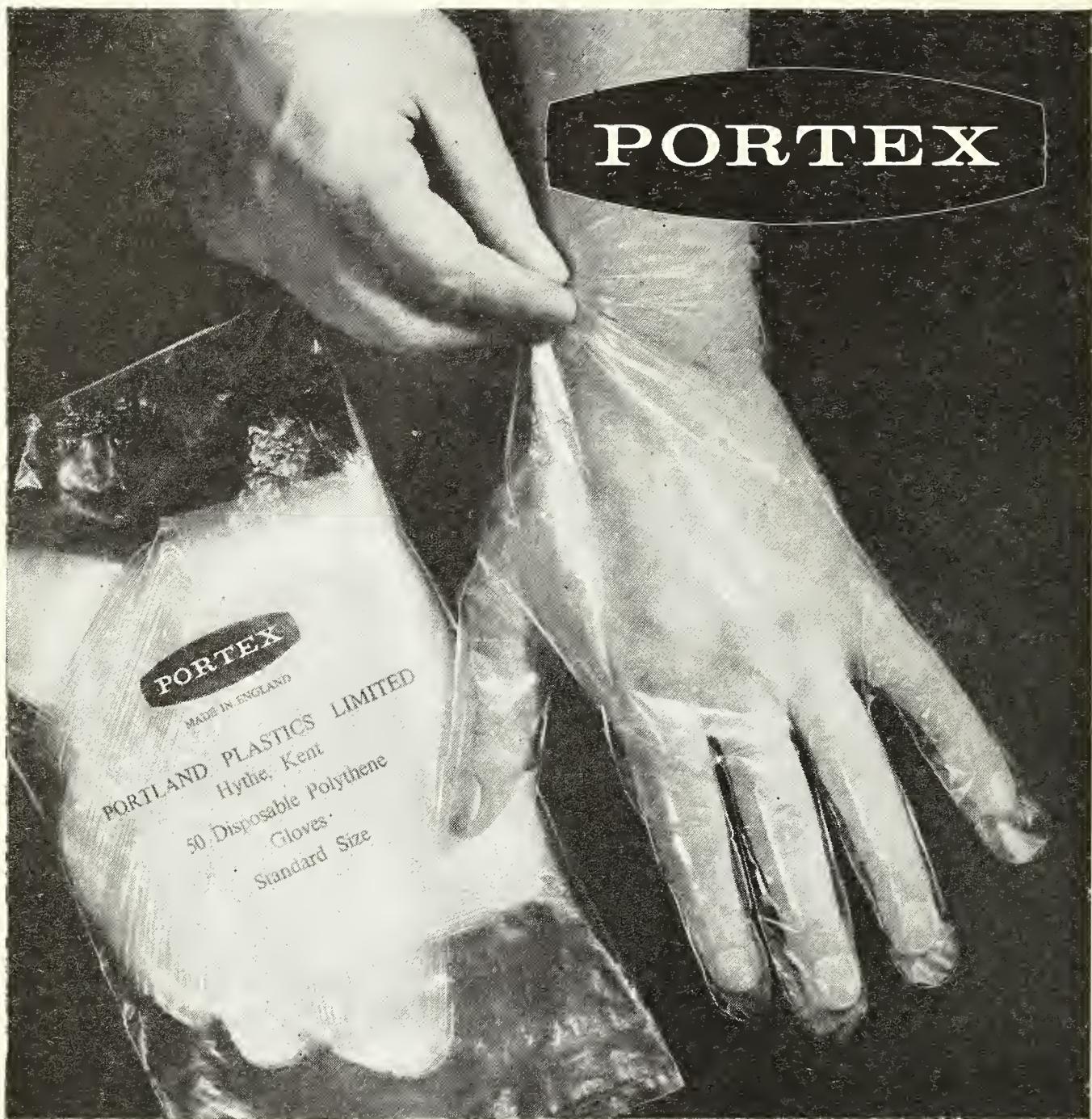
And, most important, eye catching display material is available for your counter!

Don't miss out on your share of this Magic Liquid Nails market. Send in your order today. *Write or 'phone*

FOOD BROKERS LIMITED

Crown House, Morden, Surrey. LIBerty 7284
Sole U.K. Distributors for Nailform Magic Liquid Nails





disposable polythene gloves... now available on form EC 10

Portex disposable gloves, which are in general use among G.P.'s and hospital staff, are now prescribable on form EC 10. In packs of 25 or 50, these gloves are made of strong, lightweight polythene of even thinness, to ensure no loss of sensitivity. They are available in standard or small sizes. Portex disposable polythene gloves, which fit either hand, are designed primarily for medical examination purposes where they can be used once and then discarded. Their use is also indicated as an occlusive dressing with medicated cream. Heat welded seams ensure complete hygienic protection against the dangers of contamination and the angled cuff permits full wrist protection.

The medical profession is being advised of the availability of Portex gloves, and pharmaceutical wholesalers are now able to supply quantities. Basic cost to NHS per pack of 25 gloves is 3/10d. They are also available in dispenser packs of 100.

PORTEX

Manufacturers of disposable finger stalls (also available on EC 10), catheters, cannulae, film tubing, connectors and other medical appliances in non-toxic pvc, nylon, polythene & polypropylene.

PORTLAND PLASTICS LIMITED
Hythe · Kent · Telephone: Hythe 66863

*a member of the **SMITHS** group of companies*

**The gift
men want
from the
women who care**

**A lifetime of
perfect grooming**

Ever since its introduction the Brylcreem Dispenser has been in the "top ten" of gifts for men. Year after year increasing sales have proved its status as the universally acceptable gift. This year the Brylcreem Dispenser is packed in a new attractive carton, specially designed to catch the eye of gift shopping women who are looking for Brylcreem.

Looking? Yes, looking for the pack that is being advertised heavily and nationally on T.V. and in the Press. Display the Brylcreem Dispenser Christmas Pack and reap extra profits. Extra? Yes, Special Bonus Terms are offered. Ask your Beecham representative for full details.

**CONCENTRATE ON
BEECHAM
BRANDS**



BEECHAM TOILETRY DIVISION
BEECHAM HOUSE
BRENTFORD - MIDDLESEX

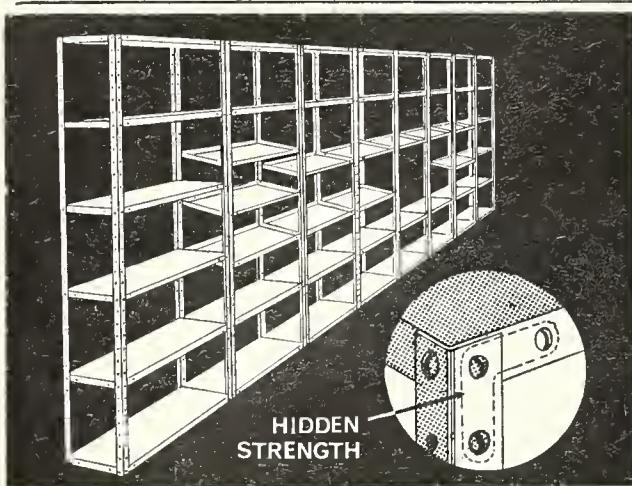
“ZONO”

THERM-O-WOOL

(REGD.)

2/4 and 3/10 cartons

FOR SAMPLES WITH TRADE AND WHOLESALE PRICES, WRITE:—
CARTER BROS., GLEN LABORATORIES, SHIPLEY (Yorks) Export Enquiries Invited



BRAND NEW WHITE SHELVING

ALL STEEL

SUPER WHITE FINISH ON QUALITY TESTED STEEL

Height	Width	Depth	No. of Shelves	Price	Price of Extra Shelves
71 in.	34 in.	12 in.	6	90/-	12/- each
85 in.	34 in.	12 in.	6	102/-	12/- each
85 in.	42 in.	12 in.	6	129/-	16/6 each

Speedy service and delivery for special sizes made to order.
 ★ Each shelf will hold over 3 cwt. ★ Shelves adjustable every 2 in.
 C.W.O. or C.O.D. Free Delivery, N. Scotland, N. Ireland, I.O.M. 10% extra.
 Other sizes available. Please send for details.
 Contractors to H.M. Government and United Kingdom Atomic Energy Authority.
 EXPORTERS OF STEEL SHELVING. Buy direct from the Manufacturers

R OCHDALE METAL PRODUCTS

Dept C.D. SHAWCLOUGH WORKS • WATERFOOT
ROSSENDALE • LANCS. • ROSSendale 2450

NOVEMBA

IS THE MONTH FOR DISPLAYING

HERMONA

THE LEADING CHEMIST-ONLY TOPICAL ANALGESIC



vote Thermona the display period product of the month

Use the special display material that will help you sell more Thermona this Novemba.

EXTRA BONUS SPECIAL

On direct orders of only 2 dozen, you get an extra discount of 15%.

thermona

*get on to your rep now!



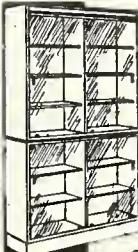
Smith & Nephew Pharmaceuticals Ltd., Bessemer Road, Welwyn Garden City, Herts.

Sunflo Oil

WITH S.G.C.

The world's finest vegetable cooking oil, containing 94.5% unsaturated fatty acid. Odourless, tasteless, crystal clear always. For details please write to:
VASJA PRODUCTS LTD., Ewhurst Road, Cranleigh, Surrey. Tel: Cranleigh 923

MAUND & BERG



For Pharmacy Fittings,
Complete Installations,
or Individual Items...

PRICE LIST CD4 ON REQUEST
175-9 OLD STREET • LONDON E.C.I.
Tel: CLERkenwell 1782

BLACK FOREST PINE

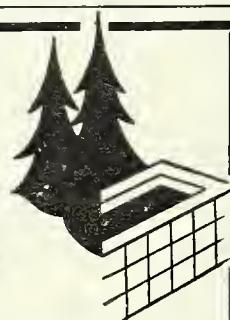
BUBBLE BATH

with Vitamin F

- In 1-lb. Plastic Bottles •
- Sufficient for 20-25 Baths

Retail: 9/- per 1-lb. bottle

Trade: 70/- per dozen (inclusive P. Tax)



Order direct
from

RAVIKA LIMITED

2a Tottenham Road, London N.13

MULberry 1545.

INDEX TO ADVERTISERS

Abbott Laboratories, Ltd.	Interleaved Edit., 19	Laughton & Sons, Ltd.	Interleaved Edit., 22
Alberto-Culver, Co.	Interleaved Edit., 18	Maund & Berg, Ltd.	4
Ampex Appliances (Kent), Ltd.	26	Newnes, George, Ltd. (Woman's Own)	8, 9
Barker, Robert, & Son, Ltd.	26	Philips Electrical, Ltd.	Interleaved Edit., 13
Beatson Clark & Co., Ltd.	Cover iv	Printar Industries, Ltd.	26
Beecham Toiletry Division	3	Ravika, Ltd.	4
British Dyewood Co., Ltd.	6	Rochdale Metal Products, Ltd.	4
Burroughs Wellcome & Co.	Price List Sup., page 1	Roche Products, Ltd.	Interleaved Edit., 20
Carter Bros.	4	Sangers, Ltd.	Cover ii
Cartwright, W. B., Ltd.	26	Silber, J. J., Ltd.	27
Chesebrough-Ponds, Ltd. (Peggy Sage)	24, 25	Smith, S., & Sons (England), Ltd. (Portland Plastics, Ltd.)	2
Cox, Arthur H., & Co., Ltd.	5	Smith & Nephew, Pharmaceuticals, Ltd. (Thermoma) 4, 6, 11, 28	
Gibbs Pepsodent, Ltd. (Sunsilk) ...	Interleaved Edit., 14	Southalls (Sales), Ltd.	Interleaved Edit., 21
Glaxo Laboratories, Ltd. (Complan)	Interleaved Edit., 15	Spong & Co., Ltd. (Corkette)	11
Glaxo Laboratories, Ltd. (Ostermilk)	12	Vasja Products, Ltd.	4
Golden, Ltd. (Elnett)	7	Vitamins, Ltd.	Front Cover
Golden, Ltd. (Color-Glo)	10	Warrick Bros., Ltd.	Interleaved Edit., 16, 17
Haetam, Ltd.	28	Washington Chemical Co., Ltd.,	Cover iii
Heron, John H., Ltd.	28	Whitmarley Displays, Ltd.	28
Honorhouse, Ltd. (Food Brokers, Ltd.)	1		
Ilion Laboratories	6		
International Bottle Co., Ltd.	23		



**The COX range of counter
remedies is more than
“CHEMIST ONLY,”
it is a range
RESTRICTED TO YOU**

Write for details *TO-DAY*

**ARTHUR H. COX & CO LTD
BRIGHTON ENGLAND**



★ ★ ★ ★

*Specialists
in High-Class
Label Reproduction
for Chemists*

SUTTLEY & SILVERLOCK

ANDOVER, HANTS
TEL. 2234

ILODERM

*a unique self-sterile Ointment that compares with
no other in the treatment of:—*

- BURNS •**
- BEDSORES •**
- IMPETIGO •**
- NAPKIN RASH •**
- DERMATITIS •**
- CRACKED NIPPLES •**

ask your usual wholesale House for supplies

ILON LABORATORIES
LORNE STREET, HAMILTON, LANARKSHIRE

TANNIC ACID

ALL QUALITIES

**THE
BRITISH DYEWOOD
Company Limited**

19 ST. VINCENT PLACE
GLASGOW, C.I

NOVEMBER
IS THE MONTH FOR DISPLAYING
THERMONA
THE LEADING CHEMIST-ONLY TOPICAL ANALGESIC



vote Thermona the display period
product of the month

Use the special display material that will help you sell
more Thermona this Novemba.

EXTRA BONUS SPECIAL

On direct orders of only 2 dozen, you get an extra
discount of 15%.

thermona

*get on to your rep now!



Smith & Nephew Pharmaceuticals Ltd., Bessemer Road, Welwyn Garden City, Herts.

*New Look
 *New Formula
 *New Elnett

L'Oreal of Paris announce the introduction of a new hair spray to the British market—Elnett Satin! It's already the biggest selling hair spray in France.

Elnett Satin

New Look. Elnett Satin comes in elegant burnished-gold cans. Their superb colour and design make them the most displayable, the most buyable hair sprays on your shelves. Special display units help you to make the best use of valuable space.

New Formula. The new conditioner in Elnett Satin leaves the hair soft, clean and shining. Elnett Satin holds the hair all day then brushes away.

New Advertising. Millions of women are seeing whole-page and half-page advertisements for Elnett Satin in the top women's magazines.



* 2 formulas,
Normal Strength and
Extra Strength, in
burnished gold cans.
Stock both.
Retail price 9/11
per can.
Trade Price
68/4 per dozen plus
17/1 purchase tax.

The most popular hair spray in France

from L'OREAL · PARIS World's greatest makers of hair beauty products

It's good plain selling-sense to display these advertised goods

Customers get the message *twice* when they see widely advertised merchandise boldly displayed. Give *your* sales the benefit by choosing your display items for the month from these lines to be advertised in *woman's own*.

Colour Advertisers in *woman's own* this month.

Andrex
Aspro
Astral Cream
Coty Measured Mist
Dunlop Hot Water
 Bottles
Grossmith White Fire
Harmony Hair Colours
Richard Hudnut—
 new hairspray
Izal Soft Tissue
Johnson & Johnson
 Baby Products
Knights Castile
Kodak
Morny
Poly Products
Reckitts—Corvette
Rimmel
Helena Rubinstein
Supersoft Hair Spray
View Master
Yardley

Monotone Advertisers in
woman's own this month.

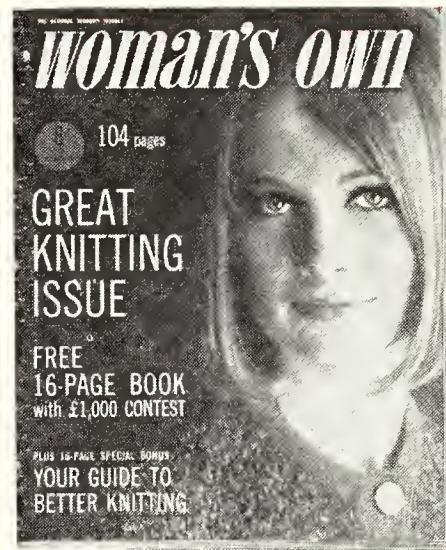
Amami Styling Lotion
Anadin
Ashe-Gold Spot
Aspro
Atrixo
Beecham's Pills (4 times)
Beecham's Powders (twice)
Bonomint (twice)
Bourjois—Soir de Paris
Carter & Sons
Color Match
Complan
Daisy Powders
Delrosa Rose Hip Syrup
Diamond Voss Nail
 Strengthener
Elnett (twice)
Endocil (3 times)
Energen Foods
E. P. Tablets
Evanol
Famel Cough Linctus (twice)
Fenjal

First Step Haliborange
Halls Wine
Hartnell Cosmetics
Hermesetas
Hiltone
Gerber Baby Products
Germolene (twice)
Germoloids (twice)
Johnson & Johnson Baby Products
Johnson & Johnson Petroleum Jelly
Junior Disprin
Knights Castile
Lifebuoy Toilet Soap (twice)
Lucozade
Maw's Teats
Oil of Ulay (twice)
Ostermilk
Outdoor Girl Cosmetics
Phensic

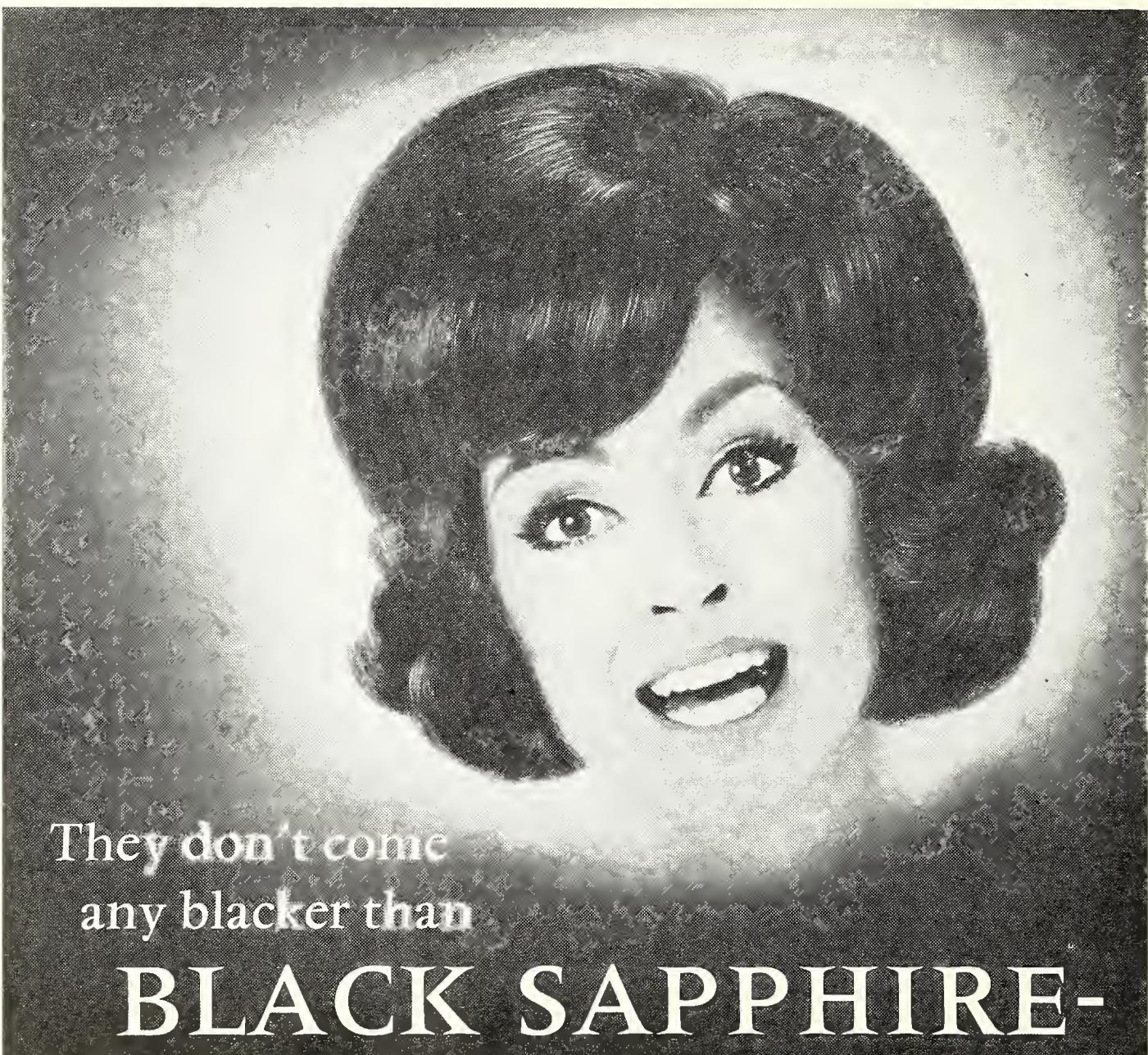
Phillips Tonic Yeast (twice)
Pin-Up (3 times)
Plix
Revlon Nail Care
Robinson's Baby Foods
Peggy Sage
George Salter (twice)
Sanatogen Tonic Wine
Saxin (twice)
Scholl Sandals
Slimasoup (twice)
Tampax
Toni Home Perm (3 times)
Twink Home Perm
Valderma Balm (twice)
Val-pak
Vick Vapour Rub
Vitapointe (twice)
Woodward's Gripe Water
Wright's Coal Tar Soap

Women trust and *buy* what they see advertised in *woman's own*. Advertisements in *woman's own* sell to more than 7½ million women—well over one in three of all your women customers.

This is the fourteenth Woman's Own Merchandising Bulletin for chemists. The next Bulletin will appear in the November 28 issue of Chemist and Druggist.



If you would like further copies of this Bulletin, or would like to receive them regularly by mail, please write to the Merchandising Manager, Woman's Own Advertisement Department, George Newnes Ltd. Tower House, Southampton Street, London WC2 Temple Bar 4363



They don't come
any blacker than

BLACK SAPPHIRE-

the newest of the

Color Glo DARK SHADES

Black Sapphire promises to be as popular as Dark Brown Sable and Rich Brown Sable, already well-established earlier this year, with tremendous sales. Seems thousands of women want very dark hair!

Black Sapphire is a true black with muted blue highlights—the darkest of the Color-Glo Dark Shades.

Black Sapphire will be featured, together with the other Dark Shades, in the current Color-Glo campaign—the biggest-ever.

Cash in on your big advertising backing. Order all 3 Dark Shades. They retail at 4/6, trade price 30/10. per dozen bottles. All other Color-Glo shades retail at 3/10, trade price 26/3 per dozen.



- • • • •
- **NOTE FOR ASSISTANTS** •
- All Color-Glo shades are true semi-permanents. •
- They are used straight from the bottle, need no mixing and no skin test. •
- • • • •



**Make CORKETTE
your counter
attraction this
Christmas . . .**

This gifted wine bottle opener draws customers as swiftly and surely as it draws corks. For a minimum of counter space, Corkette gives you maximum profit in return (6/7d or more on each one sold). Advertisements in Radio Times, TV Times etc. will add to the demand. Display the showcard and give-away leaflets available with your initial order.
21/- retail

Corkette
draws corks simply by air pressure

Order NOW from your usual distributor. In case of difficulty, please contact the manufacturers:-

SPONG & CO LTD · CROMPTON CLOSE · BASILDON · ESSEX · Basildon 3341/2/3

NOVEMBER IS THE MONTH FOR DISPLAYING **THERMONA**

THE LEADING CHEMIST-ONLY TOPICAL ANALGESIC



vote Thermona the display period product of the month

Use the special display material that will help you sell more Thermona this Novembra.

EXTRA BONUS SPECIAL

On direct orders of only 2 dozen, you get an extra discount of 15%.

thermona

*get onto your rep now!

Smith & Nephew Pharmaceuticals Ltd., Bessemer Road, Welwyn Garden City, Herts.



THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

THE WEEKLY NEWSPAPER FOR PHARMACY and all sections of the drug, pharmaceutical, fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and of the Pharmaceutical Society of Northern Ireland

Volume 182

October 31, 1964

No. 4420

CONTENTS

A Surcharge on Imports ...	440
Bournemouth Branch's Eventful Meeting	450
Correspondence ...	449
Dublin Pharmacy College Extension	442
Hospital Pharmacy Forum	453
Irish Pharmacy Week	443
Leading Articles:	
Bridging the Export-Import Gap	451
Overseas Trade in Pharmaceuticals	451
Medicine in Shakespeare's Day	457
More Than a "Lecture Service"	448
Nuffield Foundation	455
"Open Shop"	452
Pharmaceutical Society and R.P.M.	443
Pharmaceutical Society of Ireland:	
Council Meeting	453
Pharmacy in France	456
Restoration of a Kent Pharmacy	455
Schoolchildren's Health	442
Topical Reflections	441
Branch Events ...	445
Business Changes ...	444
Coming Events ...	461
Commercial Television	461
Company News ...	444
Contemporary Themes	462
Deaths ...	445
Legal Reports ...	444
Manufacturers' Activities	446
New Products ...	447
Patents ...	462
Personalities ...	444
Photographic Notes	448
Prescribers' Press ...	460
Print and Publicity	461
Trade Marks ...	460
Trade Notes ...	446
Trade Report ...	458

Index to Advertisers, p. 5. Classified Advertisements, p. 29.

PUBLISHED BY

MORGAN BROTHERS (PUBLISHERS), LTD.,
at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565



MEMBER OF THE AUDIT BUREAU OF CIRCULATIONS



© MORGAN BROTHERS (PUBLISHERS), LTD. 1964

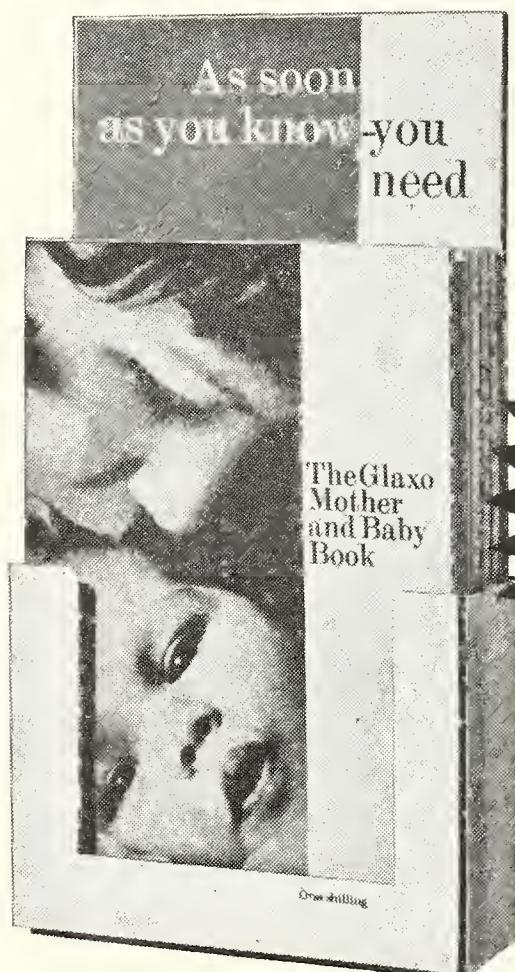
GLASGOW: 160 Nether Auldhause Road, S.3. Phone: Langside 2679.
LEEDS, 16: 32 Wynford Rise, West Park. Phone: Leeds 67 8438.

ANNUAL SUBSCRIPTION

which includes The Chemist and Druggist Diary and Year Book, £3 10s. Single copies 1s. 3d. each (postage 5d.).

as soon as she knows . . .
she'll want her Glaxo Mother & Baby Book

The big, new autumn campaign for Ostermilk – in the Sunday Mirror, Woman's Own and leading periodicals – introduces a new edition of the famous Glaxo Mother & Baby Book. Put this new book on your counter, in the handy dispenser provided, and soon hundreds of mothers-to-be will be asking for it – an ideal opportunity to talk to them about Ostermilk, Farex, and all the other things they'll need.



*Remember
the half price
Mother and Baby
book offer

Ostermilk®

* Customers who bring you a new Ostermilk advertisement can have a Mother & Baby Book at half price (6d). These books are supplied free to you. The offer is for a limited period only.

Glaxo Laboratories Limited · Greenford, Middlesex



The CHEMIST AND DRUGGIST

Volume 182

OCTOBER 31, 1964

No. 4420

Forged Prescriptions

LIMITED REIMBURSMENTS AUTHORISED

EXECUTIVE Councils are authorised by a Ministry of Health letter (ECL70/64, dated October 15) to make payments and to write-off payments already made (each on an extra-statutory basis) up to a limit of £2 without prior approval in respect of drugs supplied in good faith by chemist-contractors and later found to have been improperly obtained (by forgery, etc.).

But the Council must first satisfy itself that the chemist acted with "reasonable prudence." If, for example, the prescription should, on its face, have made a pharmacist suspicious, the prudent course would have been to check it with the doctor concerned. If the incident giving rise to the write-off or extra-statutory payment is known or believed to involve more than one prescription, chemist or Executive Council, the limit of £2 is applied to the cost to the Exchequer of all items known to have been improperly obtained.

Narcotic Drugs

ADDITIONS TO 1964 ESTIMATES

THE estimated United Kingdom requirements of narcotic drugs for 1964 (see *C. & D.*, March 14, p. 250, and September 5, p. 215) have been amended. The revised estimates (previous estimates in parenthesis) are:—Cocaine 557 kilos (110), diacetylmorphine 49 kilos (54), hydrocodone 7 kilos (2), hydromorphenol 1 kilo (5), hydromorphone 2 kilos (1), morphine 17,343 kilos (17,075), oxycodone 14 kilos (2), oxymorphone 1 kilo (1), thebacon 3 kilos (0), thebaine 591 kilos (501), anileridine 22 kilos (5), dextromoramide 14 kilos (15), diethylthiambutene 12 kilos (7), diphenoxylate 30 kilos (15), dipipanone 46 kilos (45), (25), anileridine 2 kilos (2), dextrolevorphanol 1 kilo (2), methadone 44 kilos (60), normethadone 2 kilos (1), pethidine 1,125 kilos (1,100), phenadoxone 11 kilos (10), phenazocine 2 kilos (1), codeine 13,365 kilos (10,100), dihydrocodeine 394 kilos (180), ethylmorphine 198 kilos (165) and pholcodine 899 kilos (550). The Irish estimates have also been amended and are:—Cocaine 7 kilos (6), diacetylmorphine 275 grm. (275), hydrocodone 150 grm. (150), hydromorphone 60 grm. (60), morphine 47 kilos (30), oxycodone 500 grm. (500), oxymorphone 25 grm. (25), anileridine 2 kilos (2), dextromoramide 2 kilos (2), diethylthiambutene 250 grm. (250), dipipanone 2½ kilos (2½), levorphanol 150 grm. (150),

methadone 3½ kilos (2½), normethadone 2 kilos (2), pethidine 85 kilos (60), phenadoxone 100 grm. (100), phenazocine 100 grm. (100), phenoperidine 10 grm. (10), codeine 371 kilos (200), dihydrocodeine 600 grm. (600), ethylmorphine 750 grm. (750) and pholcodine 13 kilos (9). The details are included in the Estimated World Requirements of Narcotic Drugs 1964, Second Supplement (H.M. Stationery Office, price 3s.).

Resale Prices Act

SOME "ANOMALIES" CRITICISED

LACK of provision in the Resale Prices Act, 1964, for compiling a complete list of all manufacturers who will be continuing resale price maintenance, is criticised by Professor B. Yamey (London School of Economics) in a postscript to the fourth edition of his Hobart Paper "Resale Price Maintenance and Shoppers' Choice" (Institute of Economic Affairs, Ltd., 66A Eaton Square, London, S.W.1, maximum price 6s.). Professor Yamey says that retailers who wish to cut prices will thus have no means of knowing whether particular brands are subject to the continuation of r.p.m. pending Restrictive Practices Court proceedings. He

also thinks that one of the anomalies in the Act is that, where a manufacturer is successful in applying to have a class of goods exempted from the Act, the exemption will apply to all such goods. Thus in circumstances in which the manufacturers of "a reasonably large proportion of the goods" did not previously enforce r.p.m., they would, he argues, be able to do so in future.

Essential Oils

PROTEST NOTE TO MINISTER

THE Essential Oil Importers' section of the London Chamber of Commerce has sent a note to the President of the Board of Trade urging that essential oils should be regarded, for purposes of the 15 per cent. surcharge (see p. 440) as raw materials and therefore free and not as manufactured goods and subject. The note points out that essential oils were allowed to be imported as raw materials throughout the 1939-45 war and are so regarded in the "E.F.T.A. List."

British Standards

NEW AND REVISED SPECIFICATIONS

THE British Standards Institution, 2 Park Street, London, W.1, has announced a number of new specifications. They include:—B.S. 3793:1964 Mayo's operating scissors (with dished blades) (price 5s.), B.S. 3801:1964 16-mm. film spools of 2,400 ft. capacity for specialised equipment (price 4s. 6d.). Among the revised specifications that have been issued are B.S. 573:1964 Di-n-butyl phthalate (price 4s. 6d.) and B.S. 575:1964, Diethyl phthalate (price 4s. 6d.). Work has started on revising B.S. 2713, 2-Ethoxyethanol. Among the



REFRESHMENTS FOR THE VISITORS : Mr. J. D. Mackenzie, M.P.S., well known as the social secretary of Romford Branch of the Pharmaceutical Society, hands round the sausage rolls during a visit of members and friends of the Southend Branch of the Society to Chesham House, Romford, headquarters of Macarthys, Ltd. (see p. 445).

Draft Standards circulated for comment are D64/9535, Domestic medicine cabinets and D64/9729, Conical fittings with 6 per cent, taper (Luer) for hypodermic and other surgical equipment.

Safety in Laboratories

THIRD EDITION OF MANUAL

A THIRD edition of the National Chemical Laboratory's manual of accident prevention techniques ("Safety Measures in Chemical Laboratories," H.M. Stationery Office, price 3s.), has just been published. Surviving sections of the earlier editions of 1949 and 1955 have been rewritten and brought up to date and several new ones added, notably on safety organisation and equipment, radiation hazards, dangerous chemicals and the handling of cylinders of compressed gases. Although the aim of the manual is to prevent or at least reduce accidents, considerable information is given on the action to be taken if they do occur. There is, for instance, a section on the treatment of burns and a long list of chemical poisons with symptoms to expect the specific first-aid treatments.

Veterinary Names

SECOND CODEX LIST ISSUED

A SECOND list of non-proprietary names adopted by the British Veterinary Codex Revision Committee for veterinary substances has been pub-

lished. (For the first list of such names see C. & D., March 14, p. 249.) The list is:—

NON- PROPRIETARY NAME	OTHER NAMES
AMICARBALIDE	<i>NN'</i> -di(<i>m</i> -amidinophenyl)urea; 3,3'-diamidinocarbaniide (Diampron is the isethionate)
AMPROLIUM	1-(4-amino-2-propylpyrimidin-5-ylmethyl)-2-methylpyridinium chloride. (The hydrochloride is an ingredient of Amprol, Amprolmix, and Pancoxin)
DIMINAZENE	<i>pp'</i> -diamidinodiazooaminobenzene. (The acetate is an ingredient of Berenil)
METRIPHONATE	dimethyl 2,2,2-trichloro-1-hydroxyethylphosphonate; (chlorofos; trichlorphon; Bayer L13/59; Dipterox; Dyvon; Neguvon; Tugon)
NAPHTHALOPHOS	<i>N</i> -(diethoxyphosphinyloxy)naphthalimide (Rimetin)
THENIUM	<i>NN</i> -dimethyl- <i>N</i> -(2-phenoxyethyl)- <i>N</i> -(2-thienyl)-ammonium. (The closolate is an ingredient of Ancaris and Canopar)
TYLOSIN	An antibiotic derived from an actinomycete resembling <i>Streptomyces fradiae</i> (Tylyn)

As also indicated for the first list, the adoption of a non-proprietary name does not necessarily imply that the British Veterinary Codex Revision Committee recommends the use of the substance in veterinary medicine or that the substance will be included in the British Veterinary Codex although, if

A SURCHARGE ON IMPORTS

Government's plans to reduce trade gap

IMPORTS of pharmaceuticals (including pharmaceutical chemicals), photographic goods, essential oils and cosmetics are among a wide range of commodities that became subject to a special 15 per cent. (3s. in the £1) surcharge on and from October 26. The levy has been imposed by the Government to check the growing deficit in the country's trade gap, which is described in a White Paper ("The Economic Situation," H.M. Stationery Office, price ninepence), as being "most unlikely to be below £700 millions." It "may well reach £800 millions" in 1964. Relief is being given, "as far as this is practicable," on imported goods that are subject to the charge but which are subsequently re-exported.

Botanical Drugs Exempt

Only exemptions to the surcharge are "foodstuffs, basic raw materials for industry, and unmanufactured tobacco." Among exemptions affecting pharmacy are all the botanical crude drugs and oil seeds (under tariff headings 12.01 to 12.10), beeswax, castor and olive oils, malt extract, fruit juices, salt and sulphur.

The Government has also decided to introduce a scheme for repayment to exporters of sums broadly equivalent to the amounts of certain indirect taxes which enter into the cost of production of exported goods. Details are being worked out and an announcement is promised before the end of the year. Exporters of goods in various broad industrial categories will receive

tax rebates which, subject to certain statistical calculations, are expected to average about 1½ per cent. of the value of exported goods. Rates of rebate will probably range from 1 to 3 per cent. by ½ per cent. stages. Taxes to be rebated are those on oil and petrol, on vehicle licences, and certain items of purchase tax on goods used in industry. Traders are being asked to make their claims quarterly.

A Customs and Excise notice about the scheme issued on October 26 for the guidance of exporters points out that, though claims cannot be made or paid out until a scheme has been prepared and approved by Parliament, entitlement to relief commences at once. Exporters seeking payment of moneys due to them under the scheme must substantiate their claims by reference to the normal commercial documents and accounting records relating to export transactions. The notice advises exporters of that requirement, so that they can take steps to ensure that all such documents and records are retained.

The import surcharge is described in the Government's statement as "temporary." On a long-term basis the Government proposes (a) to set up a Commonwealth Export Council; (b) to make a survey of export credits and promotion services and to encourage more exports from the smaller companies by organising co-operative selling arrangements overseas. On the home front a "Price Review Body" is being established and it will be made easier for workers to change their jobs.

a substance is included, it is intended that the non-proprietary name shall be the title of the monograph. Requests from manufacturers and other interested persons for the provision of such names should be addressed to:—The secretary, British Veterinary Codex Revision Committee, Pharmaceutical Society of Great Britain, 17 Bloomsbury Square, London, W.C.1. List no. 1 should be amended to read that DIAPERIDINE is an ingredient of Darvisul.

IRISH BREVITIES

THE REPUBLIC

REPRESENTATIVES of the Irish Chemists' Association have had meetings recently with representatives of Steiner Products, Ltd., and of Gillespie & Co., Ltd.

THE NORTH

MORE than seventy guests attended a dinner in Belfast on October 10 to honour the former chairman and managing director of Thomas McMullan & Co., Ltd. (Mr. Fred Moore), who retired in May after sixty years with the company. Mr. W. H. F. Orr (senior traveller) presented Mr. Moore with a Crown Derby bowl, and a bouquet was presented to Mrs. Moore.

OVERSEAS NEWS

ARGENTINA

Drug Prices Frozen

PRICES of medicines and drugs in Argentina have been frozen until November 30 at the levels ruling on August 4. The *Instituto de Farmacología y Normalización de Drogas y Medicamentos* is to be set up to control the manufacture, distribution and sale of those goods.

AUSTRALIA

Drug Safety

DOCTORS in Australia are co-operating in a scheme to report adverse side-effects of drugs. Participants in the scheme are being issued with forms on which to enter details of any unexpected and untoward reactions they encounter, and any reactions reported are being investigated by the Australian Drug Evaluation Committee, formed in 1963 as an advisory body to the Federal Government, and the body responsible for maintaining a register of adverse effects.

GERMANY

Action on Razor Blades

THE Gillette Safety Razor Co. recently served notice on fourteen German razor-blade producers in Solingen ordering them to stop producing rustless, chemically-treated blades and demanding guarantees that no more production would be undertaken. The fourteen producers, who have formed a committee to undertake joint legal action, are being supported by the German Association of Razor-blade Producers, of which Gillette's German subsidiary, Gillette-Roth-Büchner, is a member. The type of blade in question commands only 15 per cent. of the German market at present but the industry believes sales of the new blade will increase.

NEWS IN BRIEF

AN application by Mr. F. E. Norburn, M.P.S., for planning permission to enable him to convert a former cinema in Swan Street, Sileby, Leics, into a pharmacy has been approved by the local council.

THE Minister of Pensions and National Insurance has appointed Sir Kenneth Cowan, until recently chief medical officer of the Scottish Home and Health Department, to be a member of the Industrial Injuries Advisory Council from November 30.

THE planning of a faculty of marketing at Lancaster University has been given the go-ahead by the Institute of Marketing. An appeal by the Institute for £70,000 to endow a Chair of marketing at the University has already raised more than £33,000.

THE Government is to pay half the cost of fees incurred by companies that send training officers to approved training courses at Colleges of Advanced Technology and Technical Colleges. Applications for grants should be made to the regional office of the Ministry of Labour.

THE Minister of Health has announced that arrangements for the selective recruitment and training of hospital administrators are to be continued in 1965. The details are given in a Ministry of Health leaflet N.A.T.S. (65) 1.

A FOURTH edition of "Biology as a Career" has been published by the Institute of Biology, 41 Queen's Gate, London, S.W.7. It gives details of training, opportunities and rates of pay for biologists with details of universities offering degrees in biological subjects. Copies, price 3s. 6d. each, are available from the Institute or through book-sellers.

IN a letter to the pre-Election Minister of Health (Mr. A. Barber), Mr. H. G. Moss (chairman, Central N.H.S. (Chemist Contractors) Committee) has expressed his regret at Mr. Barber's defeat at Doncaster. Mr. Moss said that a feeling of mutual trust and understanding hitherto lacking between chemists and the Ministry of Health had developed largely through Mr. Barber's efforts and understanding. He hoped that the pattern would continue under Mr. Barber's successor.

Courses and Conferences

A RESIDENTIAL weekend course on "The Protection of the Consumer," arranged by Essex County Council in co-operation with the Research Institute for Consumer Affairs, is being held at Wansfell residential college for adults, Theydon Bois, Epping, Essex, November 27-29. Speakers will seek to show why protection is necessary and how trading standards benefit the consumer. The law for consumers, the Consumers' Association and local consumer groups are other topics being covered. Fees for the course are:—Residents, £2 10s.; non-residents, £2. For persons living outside the administrative County of Essex, fees are £3 5s. and £2 15s. respectively. Further details and application forms may be obtained from the warden of the college.

TOPICAL REFLECTIONS

By Xrayser

Large quantities of drugs

Judging by the report on page 400 the Stirling and Central Scottish Branch of the Pharmaceutical Society had a full agenda on its hands at a recent meeting. Members present discussed the pricing of private prescriptions just before the Society's proposals were made public, and the proposals for alterations to the constitution of the Council also came under review. Stirling, it appears, was not favourably disposed to the proposed changes, and it becomes increasingly evident that the Council's proposals are not being welcomed with open arms in many parts of the country. I note that one of the Stirling members expressed concern over what he described as the large quantities of Schedule 4 tablets that were being prescribed. I have no doubt that many pharmacists could provide evidence in support of the statement. Public regard for the potency of such products could scarcely be maintained, the Stirling member pointed out, when they were distributed in such quantity. (It will be observed that he did not commit himself to any statement of "excessive" quantities and in that he acted correctly.) What are the dangers in such practice? It might be argued that twenty capsules of a barbiturate are quite as lethal as, say, 200. But there is much to be said in support of his argument that the public would have less regard for the dangers attaching to a product which was put into its hands in such quantity as to engender indifference. In addition to that point, which was well brought out at Stirling, there is the ever-present problem in the home of the surplus that accumulates in cupboard and on shelf, presenting hazards to young and old alike. That the problem has been exacerbated by the levying of prescription charges, and further added to by increasing the levy on two occasions, there can be little doubt. But will the complete removal of such charges, as promised, now alter the situation? Or has the pattern of prescribing hardened over the years so as to make any change unlikely?

Receipts

The activities of the National Pharmaceutical Union were well covered in the course of the area meeting held recently at Chester, and many topics of current interest to pharmacy were under review, illustrating the many services given by that body. In addition to those mentioned, the N.P.U. gives a time-saving service to pharmacy in its centralised system of paying monthly accounts, and it does that at a most reasonable charge. But I wonder if nothing can be done to ensure that such payments are duly acknowledged. Quite a number of the firms to which I remit payment through the central clearing house appear to consider that there is no necessity for issuing any form of receipt. Since my payment is made by a composite cheque I am, in the absence of official acknowledgment from each of the participating firms, unable to provide my accountant with what he regards as proof of payment. I was brought up in business to believe that acknowledgment of the payment of an account was obligatory, and that non-acknowledgment constituted both bad business and bad manners. In the present case it causes frustration and time-wasting. I could name the offenders but, as Gilbert's Ko-Ko said: "The task of filling up the blanks I'd rather leave to you."

The right amount

A note described in "New Products and Packs" (p. 423) describes a new hair cream packed in a container that "dispenses the right amount of cream cleanly and efficiently by gentle pressure." The right amount. But for whose hair? Yours? Or mine? Or for the modern groups of luxuriant growth "with foreheads villainous low," to use Caliban's words, that are now in fashion among some groups, though they are groups which are not, perhaps, the heaviest users of fixative hair dressings. Perhaps the new container has a built-in computer mechanism that adjusts the gentle pressure to the magnitude (or otherwise) of the task. It is one of life's little ironies that by the time you can afford the hair dressing you have always wanted to use it is no longer required.

DUBLIN PHARMACY COLLEGE EXTENSION

Official opening by Minister for Education

OFFICIALLY declaring open the new College of Pharmacy extension at Shrewsbury Road, Dublin, on October 12, the MINISTER FOR EDUCATION (Dr. P. J. Hillery) spoke of his reasons for pleasure in performing the function. In particular it was a special pleasure, he said, to deal with a body which, before seeking help, made every effort to help itself.

"When, some time ago, you approached me for a grant towards this building, you were able to show that for many years you had, on your own initiative and at your members' expense, carried on successfully the essential public service with which you are entrusted. A case made by a body that has so devoted itself to the public interest must necessarily appeal to a minister, and it did not take long—or at least I would hope, not too long—to convince me of its merits."

It was not only, said the Minister, the existence of the new building, comprising a lecture theatre, three research laboratories, and a students' common room, that was matter for gratification. Even more important was what would be going on inside it. There again he congratulated the Society on its foresight in providing for further academic study. "There must be few callings in which responsibility to the public falls more heavily than on the pharmaceutical chemist. In these days, when the quest for curatives for human ills has reached fantastic proportions, it calls for no small effort on your part to keep abreast of the march of chemical progress and research. To that call your response has ever been prompt and ready. I have no doubt it will be equally so in the future."

Paying tribute to the University authorities for their willing collaboration, the Minister said that co-operation in the project had been "of flowing smoothness."

Rapid Advances

In his welcome to the Minister the dean of the College (PROFESSOR R. F. TIMONEY) had said that, in common with other higher education fields, pharmaceutical education had made rapid and significant advances during the past decade, and registration requirements of pharmacy boards and societies in most countries now demanded a high level of academic training. The College authorities were anxious to ensure that their educational standards were equivalent to those in other countries, so that Irish pharmacists would have comparable opportunities for practising in the various fields open to them. It was a matter for regret that the historical development of pharmacy in Ireland had resulted in channelling most pharmacists into retail where the emphasis had, for economic reasons, been placed on functions unrelated to professional practice. Some people had for that reason, questioned the wisdom of raising the standard of training. The expanding pharmaceutical industry, with its increasing demand for highly trained personnel had today created a permanent need for specia-

lists, including pharmacists, in many scientific disciplines. Though pharmaceutical industries in the Republic were small in number and size, the demand was growing for suitably trained pharmacists in them. Pharmaceutical training was also important as a basis for drug research, especially in the medicinal, chemical and pharmacological fields, and the establishment of a degree course had opened the way to the higher degrees necessary for research posts in the pharmaceutical industry. The development of hospital pharmacies as essential units in the larger hospitals had also increased the need for better trained pharmacists. Pending publication of the report of the Commission on Higher Education, it had been imperative, for lack of space

within the Society's main building, to provide additional accommodation for teaching and research. Members were therefore grateful to the Minister and his department for the grant that had been made. "We regard this assistance as a practical demonstration of the interest of the Department of Education in ensuring that the standards of education in pharmacy is kept abreast of those obtaining in other countries." Valuable co-operation had been given by the officers of the Department in the discussions concerned with the project. Their courtesy and assistance had at all times been much appreciated.

Permanently on Record

To mark the occasion an oak plaque has been erected over the rostrum in the hall of the College. It bears the following inscription in gilt letters:—"This building was opened by Dr. P. J. Hillery, Minister for Education, October 12, 1964."

SCHOOLCHILDREN'S HEALTH

Medical Officer's report for 1962 and 1963

THE great majority of schoolchildren are in good health, states the chief medical officer of the Department of Education and Science in his report, "The Health of the School Child, 1962 and 1963" (H.M. Stationery Office, price 12s. 6d.). Of the 2,010,215 children examined in 1963 at periodic medical inspections, 136,381 were found to require treatment for defective vision and 207,208 for other conditions, excluding dental disease and infestation with vermin. Only 10,875 (0·54 per cent.) were considered to be of unsatisfactory physical condition, against 2·9 per cent. as recently as 1950. After defective vision, skin diseases were the most frequently reported defect among school children. In 1963 over 156,000 suffered from such complaints, of them 8,239 were treated for impetigo, 137 for ringworm of the scalp, 612 for ringworm of the body and 3,499 for scabies. The prevalence of those skin diseases amongst children had fallen in recent years, but there was little change in respect of other diseases—166,536 children were reported to be affected in 1947 against 144,045 in 1963, when there were almost 2 million more children at school.

In 1963, 61,737 children were considered to require treatment or observation for respiratory disease. Many were asthmatics. 2,207 children were found to require treatment and 5,647 observation for hernia. Approximately 1,000 pupils had their education interrupted by respiratory tuberculosis and another 198 by non-respiratory tuberculosis; altogether ten died from tuberculous infection. The incidence of poliomyelitis was lower in 1962 (271 notifications) than in any year since 1918, and another dramatic fall occurred in 1963, when there were only 51 notifications. The report refers to winter vomiting disease "of which outbreaks have been reported for a number of years throughout the country." Vomiting is the salient feature of the condition and though it is much more common during the winter months it has been known to occur at other times of the year. During 1962 the



The illustration, which is of a painting done by a 16-year-old handicapped girl with a brush held with her feet, shows dramatically how well handicaps are sometimes overcome.

heads of all schools in East Sussex notified the county's principal school medical officer of all cases known to them through absence from school. A total of 2,066 notifications were made during the first eight months, more than half occurring during January, February and March. The Public Health Laboratory Service has recently set up a working party to pursue the investigation into winter vomiting and epidemic non-bacterial gastro-enteritis.

Handicaps Overcome

A chapter in the report is devoted to severely physically handicapped children in ordinary schools. The report makes reference to the 300 children known to have defects attributable to thalidomide. A number of case histories are given illustrative of the difficulties that have to be overcome by the children with grave physical handicaps and by their parents and teachers.

PHARMACEUTICAL SOCIETY AND R.P.M.

P.A.T.A. council hears policy explained

THE attitude of the Pharmaceutical Society's Council to resale price maintenance was outlined to the council of the Proprietary Article Trade Association by the Society's president (Mr. C. W. Maplethorpe) at a luncheon preceding its quarterly meeting on October 8. Mr. Maplethorpe said that the Society had been fully behind organisations, such as the P.A.T.A., National Pharmaceutical Union and Company Chemists' Association in presenting the case for the resale price maintenance of pharmaceutical products. Though they had failed to persuade Mr. Heath that that was in the national interest, there was in the Act a provision that manufacturers of medicinal products might apply for exemption from its provisions. A substantial list of companies that had already applied for such exemption had been published.

Compelled to Take a Lead

As an official body the Society had not previously concerned itself with such problems, but resale price maintenance had been thought so important to the future of retail pharmacy and the practice of pharmacy in general that the Society felt compelled to take the lead in the discussions with the Minister. "The fact that we failed to convince the Minister is, perhaps, relatively unimportant. The important thing is that we demonstrated that various organised bodies could get together in a common cause and work together harmoniously."

The Society was now facing, along with other bodies, said Mr. Maplethorpe, the challenge of new legislation relating to drugs and medicines. The Society's view was that the sale of drugs and medicines should be channelled through pharmacy; that they were not ordinary articles of commerce, and that their distribution should be restricted.

The P.A.T.A. embraced every branch of the industry—manufacturers, wholesalers and retailers. Pharmacists everywhere had a common interest to ensure that medicines and drugs were handled by pharmacists and that there was a proper appreciation of the pharmacists' responsibility in that connection. Professional people, however, must have a reasonable reward for their services and without some degree of protection of price, that could not be afforded. There was clear evidence that the responsible manufacturers—and they were many—were fully behind the retailers in trying to ensure that a proper, orderly distribution of medicines, at a reasonable rate of profit, was maintained.

Supporting the president MR. F. W. ADAMS (secretary and registrar) said that the recent situation had revealed that no profession could prosper or achieve its objective unless it took into account its underlying economics. The conception of the Pharmaceutical Society that had existed in the past—that the Society was not concerned, or could not be concerned, with financial or economic matters was unsound. Those elements, as recent events had shown, must be taken into account.

In earlier words of welcome to Mr. Maplethorpe, MR. H. G. Moss (president of the Association) had expressed appreciation for the support the Society had given to the principles of resale price maintenance. The companies of which Mr. Maplethorpe was managing director or a director, had given long, conscientious and loyal service to those principles. Mr. Adams had given a lifetime of service to the Pharmaceutical Society and all present were well aware of all that he had done.

At the quarterly council meeting that followed, MR. MOSS welcomed MR. S. L. Stock (a director and the secretary, J. Grossmith & Son, Ltd.) who had been nominated to represent that company in place of the late MR. R. G. Dyas. Letters from Messrs. F. R. Moore and L. D. Smith respectively thanked the Council for good wishes on retirement, and expressed appreciation of the honour of being elected an honorary member of council. The Council received with regret a letter of resignation from Mr. H. G. T. Read, due to changes in the ownership and control of the business of Hirst, Brooke Goodalls, Ltd., which company Mr. Read had represented on the wholesale section since 1926. The Council recorded its appreciation of Mr. Read's long and valuable services to the Association.

The secretary reported on developments since the enactment of the Resale Prices Act, including discussions with the Association of the British Pharmaceutical Industry and Proprietary Association of Great Britain in regard to registration. He submitted a list of the manufacturer members who had instructed the Association to register on their behalf, or had indicated that they would be registering independently or through another association.

The Council noted that a meeting of the Resale Price Maintenance Co-ordinating Committee held on July 16

had decided to keep the Committee in being and that it should meet from time to time in order to provide a forum for discussion. The Council agreed that Mr. C. C. Green should continue to act as secretary to the Committee.

Donations to the Resale Price Maintenance Defence Fund were still coming in and contributions received up to October 1 totalled £8,966.

Council Election

The following members were due to retire on December 31:—*Manufacturers' section*: Allen & Hanburys, Ltd.; Elliman, Sons & Co., Ltd.; Lincoln and Midland Counties Drug Co., Ltd.; Parke, Davis & Co. *Wholesale section*: B.D.H. (Woolley & Arnfield), Ltd.; Butler & Crispe, Ltd.; Hall Forster & Co., Ltd.; Hirst Brooke Goodalls, Ltd. *Retail section*: J. C. Bloomfield, D. J. Crawford, J. E. Goodall, G. E. Morgan. Mr. Goodall had indicated that he did not intend to stand for re-election. Mr. N. C. Jeffery (chairman, manufacturers' section) announced that from December 31, he would be unable to represent The British Drug Houses, Ltd., on the Council. The president and other members paid tribute to Mr. Jeffery's services to the Association over a period of eighteen years. A special meeting of members of the manufacturers' section would be held later in the month to discuss the nomination of the Association's president for 1965 and the appointment of a vice-president and chairman of the manufacturers' section for the year.

Two further vacancies are occasioned by the resignation from the *Wholesale section* of Council of May, Roberts & Co. and Thomas McMullan & Co., Ltd. Due to changes in control, Hirst, Brooke, Goodalls are not seeking re-election.

It is open to members of each section to nominate candidates for the vacancies in their respective sections. Nominations will be received by the secretary at Premier House, 150 Southampton Row, London, W.C.1, up to and including November 16.

IRISH PHARMACY WEEK

Opening and social events

PHARMACISTS from all parts of the Republic converged on Dublin for the third Irish Pharmacy Week on October 11 and for those who had taken time off from their work it proved a rewarding week that will have added considerably to their store of knowledge. The establishment of the Irish Pharmaceutical Association was fully justified by the event for Commandant B. J. Anderson (president) and his colleagues succeeded in spotlighting the many problems with which the profession is confronted.

The Week started with an informal reception at the Montrose hotel on the Sunday afternoon when the guests were received by Commandant Anderson and later the prizes in the photographic competition (see below) were presented by Mrs. Anderson. On the Monday morning special

Church services were held to mark the opening of the Week. Among those present at Mass celebrated in the Church of the Holy Trinity, Dublin Castle, by Rev. J. McGleenan, O. Carm., were the outgoing president of the Pharmaceutical Society of Ireland (Mr. D. J. Kennelly) and the president-elect (Mr. J. P. O'Donnell). At St. Thomas's, Foster Avenue, a Church of Ireland Service, conducted by Rev. T. S. Hipwell, was attended by Mr. T. R. Miller (a member of the Council) and Mr. Boyd.

Other attractions of the Week included a cosmetic and fashion show on Thursday afternoon and golf competitions at Clontarf on Wednesday. Highlighting the social aspect was a banquet on the Thursday attended by over 200, the Minister for Industry and Commerce and Mrs. Lynch being the

ceutical manufacturing plant at Santry and a tour of the Lyall Smith colour-processing laboratories at Rathgar were also in the programme.

The new extension to the College of Pharmacy, erected at a cost of £7,000, was officially opened by the Minister for Education (Dr. Hillery) on Monday after it had been formally blessed by Rev. Paul Boland (senior chaplain, University College, Dublin). The spacious, well lighted, heated and furnished, single-storey building, took ten months to build and to mark the occasion, Mr. K. Kenny (chairman of the contractors, Bantiles, Ltd.) presented the Minister with an inscribed silver salver on behalf of the builders and furnishers, J. J. McGarry.

Mr. Kennelly's final act as president of the Society was the formal closing of the Week on October 16, after which he handed over the chain of office to Mr. O'Donnell, his successor.

Winners of the photographic competition were: *Colour transparency section: Beginners*, 1, J. A. Browne; 2, Anthony Keogh, *Senior*, 1, P. F. Larkin; 2, F. J. Roche. *Black and white section: Beginners*, 1, J. A. Browne; 2, G. Fitzgerald. *Senior*, R. D. Urch. Adjudicators were Rev. K. O'Hagan, C.M., and Mr. P. Slattery, A.R.P.S.

LEGAL REPORTS

Injunction Granted

In the High Court, London, on October 26, Mr. Justice Lloyd-Jacob made orders that Brontcrest, Ltd., trading as Trans-Med Pharmaceuticals, 83 Chapel Lane, Wilmslow, Cheshire, should not infringe two of the American Pfizer Corporation's patents by selling tetracycline tablets. He also granted the Corporation, in default of defence, an inquiry into damages, and an order for delivery-up of infringing goods in the defendants' possession and costs.

False Descriptions

FINES totalling £60 and costs amounting to £24 were inflicted on Lownds Pateman, Ltd., perfumers, Torquay, recently, on charges of applying false descriptions to bath cubes and soap. The company pleaded not guilty to other charges (describing the bath cubes and soap as "made in Torquay" and that products were made with "genuine Devon violet perfume"). For the Board of Trade it was stated in the Torquay court that a number of products were purchased from a stand above which were two notices reading: "Genuine Devon violet's perfume made in Torquay by Lownds Pateman." The bath cubes and soap were in fact made in London. When an investigating officer saw Mr. Lownds Pateman at the Havelock works, Torquay, he was told that Pateman's perfume was purchased, then processed and blended at the Havelock works. The bath cubes and soap were made on his behalf by a company in London and packed in his own works. It was agreed that there was nothing on the bath cubes or soap produced in court which said they were made in Torquay, nor was there any reference to the perfume. For the defendants it was suggested that the term Devon violets was an indication of the fragrance. All that was mentioned on the wrappers of the soap

and bath cubes was the name of the company selling the goods. That was common practice.

COMPANY NEWS

Previous year's figures in parentheses

SCHICK, INC. (U.K.), LTD.—Mr. D. H. Burgin has been appointed managing director.

J. GROSSMITH & SON, LTD.—The board (at present composed of Messrs. H. Emery, J. T. Marshall, L. Morgan and S. L. Stocks (chairman)), announce the appointment of the following executive officers: Messrs. K. V. Ellison (secretarial); C. Gloyne (general management); D. K. Ludley (home sales) and N. H. M. Lytton (export sales).

FISONS, LTD.—Final dividend for year ended June 30 is 7½ per cent., making 12 per cent. total (10 per cent.). The pre-tax profit rose from £3,078,079 to £3,948,679. After the tax charge and deducting minority interests, the net balance rose from £1,299,572 to £2,315,355. The pre-tax profit was arrived at after heavier charges of £2,179,973 (£1,979,366) for depreciation and £661,922 (£608,073) for interest, and after crediting investment income of £788,272 (£782,369).

BUSINESS CHANGES

MR. J. K. HARDY, M.P.S., is opening a pharmacy at 7 Chalbury Corner, Preston, Weymouth, Dorset.

MR. F. HUNT, M.P.S., has opened the Parlaunt Pharmacy at 18 Parlaunt Road, Langley, Slough, Bucks.

WARRICK BROTHERS, LTD., are removing to Seymour Road, Leyton, London, E.10 (telephone: Leytonstone 3334), on November 1.

ROSEDALE PRODUCTS, LTD., have transferred their sales and administration offices to 143 Great Portland Street, London, W.1 (telephone: Langham 7467).

MR. M. GRAY, M.P.S., for the past seven years manager of the Clevedon, Somerset, branch of Hodders, Ltd., is now in business on his own account at Wedmore, Somerset.

KODAK, LTD., are opening a wholesale branch at East Mill Lane, Sherborne, Dorset, on November 23 to replace the existing branch at Bristol. (Telephone: Sherborne 1000.)

H. W. SELBY (HASSOCKS), LTD., have acquired the business formerly carried on by D. O. Evans, Ltd., The Green, Newick, Sussex, as from November 1, managed by Mr. P. S. Thompson, B.Pharm.

Appointments

BEECHAM TOILETRY DIVISION, Brentford, Middlesex, have appointed Mr. A. C. Rix their general sales and merchandising manager.

PAUL PLUS, LTD., 29 King Street, Newcastle, Staffs, have appointed representatives to cover the country as follows: London area, Mr. H. P. L. Roper; South of England, Mr. D. Uwins; South Midlands, Mr. M. H. Smith; North Midlands, Mr. C. K. Potter; North of England, Mr. M. Kann and Scotland, Mr. D. Mitchell.

WARNER-LAMBERT (IRELAND), LTD., have appointed Mr. C. A. Roche, M.P.S.I., M.I.I.M.S.M., Foxrock Park, co. Dublin, Eire, their field sales manager. He will have responsibility for the outside activities of the company's various divisions. A past pupil of Terenure College, Mr. Roche is well known among Irish pharmacists and has now entered his second year as president of that college's past pupils' union.

PERSONALITIES

MR. J. McNALLY, Ph.C., M.P.S.N.I., has opened a pharmacy at Thomas Street, Portadown, co. Armagh, Northern Ireland.

MR. H. E. JAMES, who recently retired from Butler & Crispe, Ltd. (see C. & D., October 17, p. 396), states that his private address is 48 Herga Court, Harrow-on-the-Hill, Middlesex.

MR. W. PADLEY, M.P., who has been president of the Union of Shop, Distributive and Allied Workers for the past sixteen years, has tendered his resignation following his recent appointment as Minister of State for Foreign Affairs.

MR. J. SIMPSON, Banchory, Kincardineshire, who retired recently, has given over 40 years' service to pharmaceutical interests in Aberdeenshire and Kincardineshire. Since 1948 he has been secretary of the local Pharmaceutical Committee and is one of the two remaining original members of the executive council for the two counties.

MR. T. S. SMITH, M.P.S., who has been chief chemist for Parkinsons, Ltd., Burnley, Lancs, for the past twenty years, retired on October 17. Qualifying at Nottingham University, Mr. Smith joined the company in 1924 as an assistant chemist. A keen horticulturist and gardener, he was well known for his frequent lectures to gardening societies in the North and through his war-time broadcasts for the B.B.C. in "Gardener's Question Time."

MR. J. B. MURPHY, the new member of the Council of the Pharmaceutical Society of Ireland (see C. & D., October 24, p. 430), qualified in 1960 and proceeded to open his own pharmacy in which he is assisted by his wife (formerly Frances Horgan) who qualified in 1957. Born in Bantry, he was educated in Cork and Mount Melloray, serving his apprenticeship with T. R. Lester, Ltd., Cork. He regained a seat on the Council for Cork through his co-option when Mr. P. A. Brady declined to seek re-election. His brother, Aidan, qualified this year and is managing a pharmacy in Cork.

MR. B. RIGBY, who has joined Laporte Industries, Ltd., as assistant to the deputy managing director (Mr. G. Hickson), was previously with the



Beecham Group and held appointments in the past four years in Germany, Switzerland and Holland. He holds an honours degree in chemistry and Diploma of chemical engineering, London University, and is an Associate of the Institute of Chemical Engineers.

MR. A. W. FRANCE, C.B., whose appointment as Permanent Secretary to the Ministry of Health was announced on October 21, succeeds SIR BRUCE FRASER, K.C.B., in that office. Until 1940 Mr. France was on the staff of the District Bank, Ltd., and after army service (1940-43) became financial adviser to the Minister of State, Middle East, in Cairo, Egypt. He entered the Treasury in 1945, rising to assistant secretary in 1948, under-secretary in 1952, and third secretary in 1960. In 1963 he became deputy to Sir Bruce, who now becomes Joint Permanent Under-Secretary of State in the Department of Education and Science. Sir Bruce was the chief spokesman for the Ministry in the protracted negotiations with the Central N.H.S. (Chemist Contractors) Committee over increased remuneration for N.H.S. dispensing. In that office he also had to defend the Ministry's actions before the Committee of Public Accounts.



Mr. H. S. GRAINGER, M.P.S., has accepted a post as head of the technical secretariat of the European Pharmacopoeia, and will take up his duties at Strasbourg, France, on February 1, 1965. Mr. Grainger has been chief pharmacist Westminster hospital, London, since 1948, and in hospital pharmacy since 1941. He was

secretary of the Birmingham Branch, Guild of Public Pharmacists, 1942-45, and of the London Branch, 1946-48. He has been for some years a member of the council of the Guild. He has been chairman of the hospital section, International Pharmaceutical Federation and a member of the Franco-British Pharmaceutical Commission, on whose behalf he acted as guest lecturer in France in 1956. A member of Council of the Pharmaceutical Society of Great Britain, Mr. Grainger was president of the Society in 1961-62 and has served on a number of Council Committees, notably the Education Committee, of which he is the present chairman. He has served also on the action and uses subcommittees of the British Pharmaceutical Codex and tablets and capsules subcommittee of the British Pharmacopoeia. He will start his new career



with the advantage of being almost as well known to leaders of the pharmaceutical profession in most European countries as he is in Great Britain, where he has figured prominently in many sectors of pharmaceutical activity including Branch Representatives' meetings, the British Pharmaceutical Conference and, of course, hospital pharmacy in all its aspects—technical, professional and economic. The European Pharmacopoeia, whose technical secretariat he will now direct, was adopted in principle by the consultative assembly of the Council of Europe earlier in the year.

DEATHS

BELCHER.—On October 26, Mr. John Belcher, Parliamentary Secretary to the Board of Trade, 1946-48. In 1946 Mr. Belcher was guest of the Perfumery and Toilet Preparations Manufacturers' Federation at its annual dinner. At that time the industry was, in the words of the Federation's chairman (Mr. L. J. Matchan) "at a critical point" in its history, and anxious lest decontrol should damage its prosperity. Mr. Belcher declared that it was not the Government's policy to allow the home market to be freely supplied to the detriment of British exports. In 1948 Mr. Belcher's name was linked with that of Mr. Sidney Stanley in investigations by the Lynskey tribunal into charges of corruption. Though cleared of suggestions of bribery and corruption he was found guilty of using his influence in return for small gifts, and he resigned from the Government.

CHARD.—On October 16, Mr. Trevor Chard, M.P.S., Market Place, Westbury, Wilts. Mr. and Mrs. Chard were involved in a motor accident during the previous week-end, when Mrs. Chard was killed. Mr. Chard qualified in 1927.

CURRIE.—At Western General Hospital, on October 23, Mr. George Currie, M.P.S., F.S.M.C., 16 Cadzon Place, Edinburgh. Mr. Currie qualified in 1923 and was in business at 3 Seaford Terrace, Blackhall, Edinburgh, 4.

DORIS.—Suddenly on October 23, Mr. John Doris, M.P.S.N.I., Downpatrick, co. Down, Northern Ireland, aged sixty. Mr. Doris served an apprenticeship in Armagh and qualified in 1927. He was chairman of Downpatrick urban council, a justice of the peace and a member of Downpatrick Hospital Management Committee, on which a main interest was in special care work. A keen sportsman in his earlier years, he once held the Ulster and Irish 100 yards sprint championship, and played Gaelic football for the Armagh team. He was also a member and past captain of Downpatrick golf club.

GRIFFITH.—Suddenly, on October 24, Mr. John Griffith, M.P.S., Tegfry, Bryn Avenue, Old Colwyn, Denbighs. Mr. Griffith qualified in 1918 after attending the Liverpool school of pharmacy. He had a business in Old Colwyn for many years and then moved to Abergele from which he retired seven years ago. He leaves a widow.

JONES.—On October 4, Mr. Benjamin Afan Jones, M.P.S., c/o Timothy

Whites & Taylors, Ltd., 3 Radcliffe Road, West Bridgford, Nottingham. Mr. Jones qualified in 1927.

SMITH.—Recently, Dr. Sydney Alexander Smith, M.P.S., M.B.Ch.B., 36 Blackness Avenue, Dundee, Angus. Dr. Smith qualified as a chemist and druggist in 1938. He later returned to St. Andrews University and in 1964 obtained his medical qualification and became a senior lecturer in pharmacology at the Medical School, Dundee, a post he occupied until 1948 when he entered private practice.

SPEEDING.—On October 15, Mr. Robert Taylor Speeding, M.P.S., 4 Hornedale Avenue, Barrow-in-Furness, Lancs. Mr. Speeding qualified in 1915.

TURNER.—On October 21, Mr. Albert Edgar Turner, M.P.S., 232 Highbury Road, Bulwell, Nottingham, aged seventy-nine. Mr. Turner qualified in 1908. In 1915 he opened a business at Bulwell and later branches in the same district and in Sneinton, Nottingham.

WILLIAMS.—At his home on October 11, Mr. Hugh Williams, Trifan, Rosbery Avenue, Craig-y-Don, Llandudno, aged seventy-five. Mr. Williams qualified as a chemist and druggist in 1917 and until his retirement in 1959 had his own business in Gloddaeth Street, Llandudno, for about forty-years.

BRANCH EVENTS

SOUTHEND-ON-SEA Summer-month Activities

ACTIVITIES of the Southend-on-Sea Branch of the Pharmaceutical Society for the 1964-65 session, have now commenced, but even during the "close season" the Branch were not dormant. Two cricket matches were played by a team of members and students affiliated to the Branch: on July 1 versus Boots, Ltd., and on August 19 versus G. J. Keddie & Sons, Ltd. (a local departmental store). Neither match was won but two pleasant Wednesday afternoons were spent. Two afternoon visits took place. On August 12 about twenty-five members and their wives visited the Romford brewery of Ind Coope, Ltd. A tour of the plant terminated with a tea (and quite liberal samples of the brewery's "finished products"). Members learned that bitter beers are made from English hops while lager is from imported European hops, and that the distinctive flavour of a brewery's products is due to the strain of yeast used, which is never allowed to die. The strain used at Romford is about forty-five years old. The second outing was also to Romford on September 23, when about thirty members and friends visited the laboratories and warehouse of Macarthys, Ltd. The visit was voted by many the most enjoyable afternoon they could remember. The company paid for a coach to and from Romford and provided a "get-together" cup of tea on arrival. The visitors, after having been separated into small groups, were conducted over the various sets of premises owned by the company. Those who had gone prepared to "blow their tops" at, for instance, the new invoicing system felt that it would have been ungracious even to have "cheeped."

MANUFACTURERS' ACTIVITIES

Automatic Process Analysis Installed.—Automatic analyser equipment successfully coupled to one of the chemical plants producing synthetic drugs at Thomas Morson & Son, Ltd., Enfield, Middlesex, means that the twenty-four hour a day services of three analysts, working on shift, can now be used on other work. The new



Mr. Ashbolt examines one of the recorded charts.

equipment visually displays the drug concentration and acidity of three process streams on chart recorders every half hour. Provision has also been made on the installation for additional analytical equipment which, when working, will entirely free three more shift analysts for other duties. The analyser was designed by a Morson team headed by Dr. R. F. Ashbolt, the company's chief chemist (seen on right). It is based on the AutoAnalyzer and was built by Technicon Instruments Co. Ltd.



GOLD MEDAL FROM BULGARIA: Yardley of London, Ltd., 33 Old Bond Street, London, W.1, have been awarded a gold medal as "best users" of Bulgarian rose oil. At a recent ceremony at the Bulgarian Embassy Mr. J. H. Seager (a director of the company) received the medal and a diploma on behalf of the company from Mr. B. Christov, the Bulgarian Commercial Counsellor. The award, instituted at the International Congress on Essential Oils in Plovdiv, Bulgaria, earlier this year, is promoted by the Bulgarian enterprise Chimimport to mark 300 years' production of the country's attar of roses. The presentation was made to Messrs. Yardley as one of the longest and best overseas users of the product.

Pensioners at Company's "Open Day."—Speaking to pensioners of the British Drug Houses, Ltd., at the company's annual open day on October 9, Mr. F. W. Griffin (managing director) said that he was very conscious of being the "new boy," but saw his job and that of his colleagues as being to continue the progress of the company where the pensioners had left off. Mr. Griffin's audience included the record total of 179 pensioners, including seventeen who had been retired for fifteen years or more. Many former employees at the Graham Street headquarters had been joined by B.D.H. pensioners from Kensal Road, Godalming, and Poole, Dorset. Among the guests at the open-day dinner were Messrs. A. E. Pearce, formerly of Graham Street home sales department, who this year completes twenty-one years as a pensioner after serving the company for nearly forty years; and C. T. Salari who retired as home sales manager in 1949. In 1902, he joined Barrow, Harveys & Co., one of the four original companies comprising B.D.H.

BUSINESS EFFICIENCY EXHIBITION

MORE than 100 new pieces of business equipment were on show for the first time at the Business Efficiency Exhibition held at Olympia, London, October 6-14. They were among business aids totalling £10 millions and ranged from elaborate computers through the latest in copying machines, electric and conventional typewriters down to pencil sharpeners. Among those exhibiting cash registers were G. H. GLEDHILL & SONS, LTD., Halifax; and NATIONAL CASH REGISTER CO., LTD., Marylebone Road, London, N.W.1, who also had a wide range of accounting machines; BRITISH OLIVETTI, LTD., Berkeley Square, London, W.1, showed their new Mercator range of accounting machines

with direct sterling multiplication and their Tekne 3 electric typewriter incorporating a new mechanical design claimed to overcome vibration. A ten-way intercom system costing £105 complete was offered by D. J. P. TELEPHONES, LTD., 156 Camden High Street, London, N.W.1. The handsets are the same as used by the G.P.O. PHILIPS ELECTRICAL, LTD., Shaftesbury Avenue, London, W.C.2, displayed their battery and mains-operated dictation machines whilst among many offering photocopying equipment were: KODAK, LTD., 246 High Holborn, London, W.C.1; E. N. MASON & SONS, LTD., Colchester, ILLFORD, LTD., Ilford, and COPYCAT, LTD., Greycourt Place, London, S.W.1.

TRADE NOTES

Approved by Board.—In the autumn list of appliances approved by the British Electrical Approvals Board appears the X555S shaver of Sunbeam Electric, Ltd.

Now Tax-free.—Baxter Laboratories, Ltd., London Road Trading Estate, High Wycombe, Bucks, state that their systemic haemostatic Dicynene is no longer subject to purchase tax.

Exemption Applied For.—Roberts Windsor, Ltd., 14 West Smithfield, London, E.C.1, point out that their Windsor series are among products for which the company has applied for exemption under the Resale Prices Act.

Strip Packs.—Glaxo Laboratories, Ltd., Greenford, Middlesex, are introducing strip packs of 100 and 500 Betnesol tablets (0.5 mgm. and 0.25 mgm.). Prices are unchanged. The existing pack of thirty tablets is being discontinued when stocks are exhausted.

Price of a Christmas Pack.—J. & E. Atkinson, Ltd., 17 Bessemer Road, Welwyn Garden City, Herts, point out that the price of their Christmas pack of Chantage talc, soap and two bath cubes is 10s. and not as previously stated [corrected note].

Telephone Order Hours.—John Bell, Hills & Lucas, Ltd., have changed the hours of their telephone order office. It is now open only between 9 a.m. and 5 p.m. Outside those hours orders are automatically recorded and processed immediately the order office reopens.

Now Advertised to the Public.—Bengé and Co., Ltd., Mount Pleasant, Alperton, Wembley, Middlesex, announce that their (formerly "ethieal") product Pulmo Bailly is now being ad-

vertised to the public. New showcards and display material are available from the company on request.

New Price Structure.—Perma-Sharp, Ltd., Flakefield, East Kilbride, Scotland, announce that, in an endeavour to enable small retailers and wholesalers to compete in the razor-blade market, they have introduced a new price structure. The ex-factory price is being lowered to allow the wholesaler 15 per cent. and the retailer 31 per cent. The suggested retail price is five plades for 2s. 6d. The high quality of the Perma-Sharp stainless steel blades is being maintained.

A Strength Now Discontinued.—FBA Pharmaceuticals, Ltd., Burrell Road, Haywards Heath, Sussex, announce that the higher dosage of Trasylol commonly prescribed led to the introduction some months ago of ampoules each of 25,000 K.I.U. That pack offers a more convenient and economical use of the Trasylol, and the old strength is accordingly being discontinued when stocks are exhausted. The packs now available are boxes of five and twenty-five ampoules of the 25,000-unit strength.

Disposable Gloves.—Portland Plastics, Ltd., Hythe, Kent, point out that their Portex disposable gloves, claimed to be in general use among general practitioners and hospital staff, are now prescribable on form EC10. Issued in packs of twenty-five and fifty, the gloves are made of strong, lightweight polythene of even thinness, to ensure no loss of sensitivity. They are available in standard or small sizes. The gloves are designed primarily for medical examination purposes, to be used once and then discarded.

Joint Displays.—Programme of displays in the scheme operated jointly by the National Pharmaceutical Union, Scottish Pharmaceutical Federation and Ulster Chemists' Association in 1964-65 is:—

November 2: Thermona (Smith & Nephew Pharmaceuticals, Ltd.), and Superplenamins, Bisma Rex and iron and brewers' yeast (Rexall Drug Co.).

January 11, 1965: A product of John Bell, Hills & Lucas, Ltd., and the bronchial balsam of Hills Pharmaceuticals, Ltd.

February 9: Meggezones (Meggeson & Co., Ltd.).

March 8: Sanatogen Multivitamins (Genatosan, Ltd.), Rinstead pastilles (Warwick Bros., Ltd.).

April 5: First-step Haliborange (Allen & Hanburys, Ltd.).

May 10: A product of Maws Pharmacy Supplies, Ltd., and Saxin (Burroughs Wellcome & Co.).

June 8: Carnation corn caps (Cuxson, Gerrard & Co., Ltd.).

July 12: Sea Legs (The British Drug Houses, Ltd.).

Batch Recalled.—The Bayer Products Co., Winthrop House, Surbiton-upon-Thames, Surrey, England, state that, in addition to routine analyses at the time of manufacture, they undertake further checks at varying intervals during the anticipated life of the product. As a result of such a reanalysis carried out recently, they have reason to believe that Lingraine tablets of the batch bearing control numbers IYD848 and IYD849 contained an amount of ergotamine tartrate in excess of the stated amount of 2 mgm. per tablet. In the eighteen months since the batch was released for distribution (and it is now more than six months since the last pack left the company's warehouse), no reports have been received of toxicity resulting from its use. The dosage, however, would exceed the manufacturer's own recommendations and those of most authorities in the treatment of migraine. Chemists are asked to return immediately, for credit or replacement, any bearing one of the control numbers given. The number is embossed on each carton of twelve tablets immediately adjacent to the poison declaration printed in red type on the reverse side of the carton. Returned material should be addressed: The Control Laboratory, The Bayer Products Co., Edgefield Avenue, Newcastle-upon-Tyne, 3, Northumberland, and should include the sender's name and address and be accompanied by a statement whether the stock is to be replaced or credited. Postage will be refunded.

Bonus Offers

ALBERTO-CULVER CO., 44 Newington Causeway, London, S.E.1. V.O.5. Twelve invoiced as ten. Till December 12.

W. B. CARTWRIGHT, LTD., Rawdon, Leeds. Cabdrivers linctus and pastilles. Twelve invoiced as eleven. Till November 30.

CUSSONS, SONS & CO., LTD., Kersal Vale, Manchester, 7. Spring Morn toiletries. 2½ per cent. off list prices on orders of £5 net value; 5 per cent. on orders of £15 net value. Introductory offer.

SOUTHALLS (SALES), LTD., Rockville Road, Saltley, Birmingham, 8. Atrixo. Twelve invoiced as ten. Minimum six cases. Till mid-November.

PHARMACEUTICAL SPECIALITIES

TWO ADDITIONS TO SYRINGE SERIES.

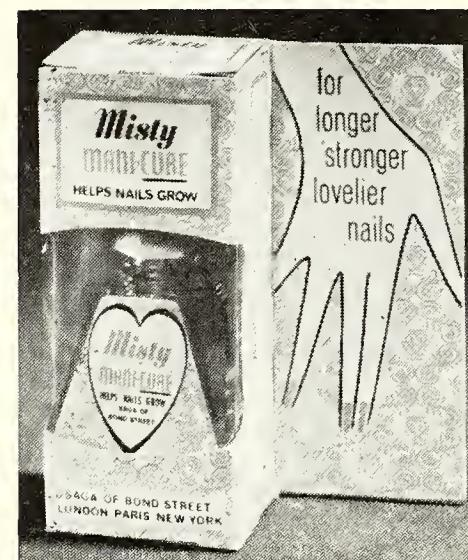
Organon Laboratories, Ltd., Crown House, London Road, Morden, Surrey, announce the availability of two further preparations (Deca-Durabolin and Sustanon) in their range of Orgaject disposable syringes. The syringe is ready for immediate use and is packed in a plastic bubble pack. The new presentation is, for each product, additional to the existing ampoule and rubber-capped vial presentations.

Sponsored Toiletries.—Additions to the range of National Pharmaceutical Union products exclusive to private retail pharmacy are a "Spring Morn" series of toiletries made by Cussons,



Sons & Co., Ltd., Kersal Vale, Manchester, 7. They are a hair spray, talcum powder, toilet soap, bath soap and bath cubes. The products are competitively priced and give the retailer a reasonable margin. The display unit illustrated is provided with orders value £5 or more at basic prices exclusive of tax.

Nail Beauty Treatment.—Saga of Bond Street (Rayette Beauty Products, Ltd., 210 Bath Road, Slough, Bucks), have launched a new product Misty Mani-cure, described as being to a completely new formula that "actually helps nails grow, promotes longer, stronger, healthier nails, and can be



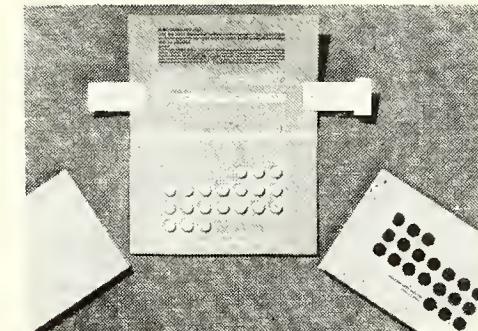
used by itself as a natural lacquer or covered with a favourite colour." The daily use of Mani-cure during a full nail growth period will, it is claimed, ensure that the new nail is stronger and free from ridges, cracks and other blemishes.

MAGIC LIQUID NAILS.—Now available to chemists through Food Brokers, Ltd., Crown House, Morden, Surrey, is a product Nailform ("the famous magic liquid nails") that is understood to have sold to a total of 18 millions in America and Europe. Manufactured by Honorhouse, Ltd., London and New York, Nailform has been selling in the United Kingdom for over a year by mail order. That method of sale has been abandoned now that a market is established. Nailform is claimed to "build strong, lovely nails."

CONTRACEPTIVES

CONTRACEPTIVE WITH COSMETIC APPEAL.

—Ortho Pharmaceutical, Ltd., Saunderton, High Wycombe, Bucks, have released a new contraceptive product to add to their "complete service to medical contraception." Delfen vaginal foam provides the company's most spermicidal formulation in an elegant aerosol presentation. The initial package contains the aerosol vial complete with special applicator in plastic purse. Refill vials are also available. Each aerosol vial contains 20-25 applications. The product is claimed extensively tested and medically endorsed.



"BUILT-IN-MEMORY" PACK.—Despite its entire effectiveness, Voldan oral contraceptive of the British Drug Houses, Ltd., Graham Street, London, N.I., has presented users with a problem: namely, how to ensure that the tablets are taken regularly and as prescribed. That difficulty is now overcome with a new pack that both gives complete protection to the product and provides a "built-in memory." Designed and produced by the company, the pack comprises a stout board wallet on the inside top cover of which are detailed instructions for taking the tablets, together with a calendar strip to check off the days. The lower half of the wallet presents twenty tablets, each individually packed in a transparent "bubble" and numbered to correspond with the day it is to be taken. On the reverse side the tablets are retained in position by gold lacquered, heat-seal coated aluminium foil. As a tablet is required the "bubble" is pressed and the tablet is forced through the foil.

NO INCREASE OF PRICE.—Gerhardt-Penick, Ltd., Purley Way, Croydon, Surrey, distributors of Emko vaginal-foam contraceptive, which for the time being is imported from America, announce that, in spite of the increased duty now payable, retail and trade prices are not being increased at present.

PHOTOGRAPHIC NOTES

Showroom Time-table. — An exhibition, "Tokyo Today" is being staged at the Ilford Galleries from October 5 until the end of November. After that the showrooms are to undergo major alterations, which are likely to continue well into the New Year. Throughout the period of the exhibition and while reconstruction is in progress, the showrooms are open for normal business but no "Amateur Nights" are being held in 1964. A new series will start as early as possible in the New Year.

A Single-lens Reflex Camera. — The Singlex 35-mm. single-lens reflex camera is equipped with a 55-mm. f/1.4 fully automatic 8-element Rikenon lens with Rapid bayonet mount (Nikon fitting). The minimum focusing distance is 24 in. Focusing is by Fresnel prism and split image rangefinder. A fully



automatic preview lever also combines a twelve-second delayed action. The stainless steel focal plane shutter is speeded 1 sec. to 1/1000th sec. and B and is synchronised for flash up to 1/15th sec. Other features are a double pressure shutter release button and self-restoring frame counter. Agents are Mayfair Photographic Suppliers (Lon-

don), Ltd., 166 West End Lane, London, N.W.6.

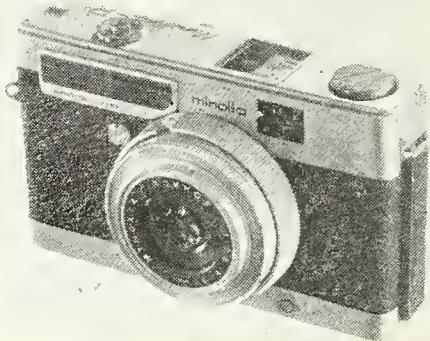
Two New Zeiss Cameras. — For those who require a camera with a built-in exposure meter but without having it coupled to the diaphragm, the Contina L and the Contina LK made by Zeiss Ikon A.G., Stuttgart, Western Germany, are being marketed by Degenhardt & Co., Ltd., 20 Mortimer Street, London, W.1. The Contina L is equipped with the 45-mm. f/2.8 Color-Pantar lens and Prontor 250 shutter with settings from 1/30 to 1/250 sec. B, and X-synchronisation. To operate the meter, after setting the film speed the required shutter speed or aperture is set. The meter will then indicate the corresponding stop or shutter speed when pointed to the subject. The Contina LK is similar but is equipped with a coupled exposure meter, the pointer of which is visible in the finder and is brought into coincidence with a triangular mark by turning the shutter speed or aperture setting ring.

Remote Control Projector. — The Gnome 756 Auto Classic projector supplied by Gnome Photographic Products, Ltd., Caerphilly Road, Cardiff, is fitted with remote control slide change with over-riding manual operation. The magazine accepts thirty-six transparencies. Either a 300 watt or 500 watt lamp can be fitted, provision being made for the addition of an extra heat filter with the latter. The projector is fan cooled. Lens is the 85-mm. f/2.8 Gnome-Wilon with the alternative of a 100-mm. f/2.8 lens at extra cost.

Meter with Viewfinder. — The Autophot VF. 100 exposure meter has a small viewfinder with two bright-line frames, one rectangular for use with

standard lenses, and one circular for use with telephoto lenses, set in the upper corner of the housing. In use, a small lever is set to either 'S' for standard lenses, or 'T' for telephoto lenses. Pressing a button on the side of the housing frees the needle, which then locks in place on the scale. The device is claimed to correct for the exposure increase needed with a telephoto lens. A zero adjusting screw is provided. Settings from 6 ASA to 12,000 ASA are marked, with corresponding DIN values. Exposure value numbers are given from -5 to 19, with exposure speeds from 15 mins. to 1/2,000 sec. and apertures from f/0.9 to f/45. Two scales are provided, one for normal light conditions (E.V. 8 to 17) and one for low light (E.V. 2 to 10). The meter, which is made in Japan, is marketed by Pullin Optical Co., Ltd., Ellis House, Aintree Road, Perivale, Middlesex.

A Compact 35-mm. Camera. — Modern 35-mm. cameras may sometimes belie their title of "miniature," but that criticism would be difficult to justify regarding the Minoltina-P marketed by Japanese Cameras, Ltd., 50 Piccadilly, Tunstall, Stoke-on-Trent, Staffs. Its dimensions are 4 $\frac{1}{8}$ x 3 x 2 $\frac{1}{2}$ in. and it weighs 15 $\frac{1}{2}$ oz., yet it produces negatives or transparencies of the standard 36 x 24 mm. size. The camera is fitted



MUCH MORE THAN A "LECTURE SERVICE"

How Kodak, Ltd., help dealers by promoting photography

PHOTOGRAPHIC chemists who aim to profit by every development that tends to interest the use of photographic material should inform themselves fully of the lecture service operated by Kodak, Ltd., Kingsway, London, W.C.2. The service sends out photographers, lecturers and technical experts to inform and entertain camera-club members, the man in the street, and the boy and girl at school. Lectures to camera clubs take up the full time of several well known lecturers of the company, whose technical talks aim at giving maximum help to "do-it-yourself" enthusiasts. A service offered to groups of camera clubs enables more ambitious presentations to be shown before larger audiences. At "Kodak club nights," organised sometimes by the club, sometimes by the Kodak Lecture Service, one club in each area, after an illustrated talk by compère Richard Wilson, puts on a half-hour slide presentation. "An Evening with Alfred Gregory" is devoted to an illustrated talk by that versatile mountaineer / photographer. On Kodak Movie-club nights, compère Brian Coe demonstrates the prac-

tical side of good movie photography. Also available to camera clubs are postal lectures (in black-and-white and colour film-strip form and with printed scripts) and tape and disc recordings.

For the general public, the "Kodak Colour Show" puts across the simple message that colour photography is easy, is fun, and is inexpensive. The show is presented three times weekly up and down the country from September to May, and regularly plays to audiences of 1,000. It provides ninety minutes of entertainment and instruction using both 16-mm. sound movie films and a "slide spectacular" (colour slides linked with background music), twin projectors and a fade-in/fade-out device merging pictures from one to the next in an effective presentation that all photographic retailers should see. The use of stereo sound shortly to be introduced, will further improve the presentation. During the summer months the Kodak colour show is presented at seaside resorts, and in the past summer, even on a number of P. & O. cruises, on which the lecturers also act as photographic advisers to passengers.

with the Minolta Auto-View, which embodies a bright-line viewfinder with parallax markings, a focusing scale and pointer, and the two needles of a "follow-pointer" exposure control; one registers the light intensity, the other is coupled to the single setting ring of the Citizen-L shutter-diaphragm unit. An exposure value range of e.v.8 to e.v.17 is covered. All control settings are visible in the field of the device. Lens is a four-element, 38-mm. f/2.8 Rokkor. Click stops are fitted to the focusing mount at 4 ft., 8 ft. 6 in. and 23 ft., the focusing scale being graduated from 2 ft. 6 in. to 8 ft. "Brief time" exposures can be made at any aperture and the 1/30 sec. setting can be used at any aperture for flash work, the shutter having X-synchronisation.

Distribution Change. — Photomarketing, Ltd., Kingsbury House, Blackburn Road, London, N.W.6, are now responsible for sales of the Hi-lo projection table. Adjustable in height from 29-44 in., the stand has two platforms, the lower of which can be clamped at any position. It has self-levelling feet and the legs unlock to stow away.

SELL-PHOTOFUX

with this colourful display



This new compact, colourful display is ready in a flash. Simply fold back the lid to allow the cut-out figure to stand up, stand the leaflets upright in the dispenser or place separately on the counter and—SNAP—as quick as taking a photo with Photoflux—you have 300 Philips Photoflux flashbulbs on parade just asking to be bought.

PHILIPS
PHOTOFUX
the greatest range of flashbulbs

This display outer contains

PFI	180 @ 8d. each	£6.0.0.
PF1B	60 @ 9d. each	£2.5.0.
AG1	40 @ 8d. each	£1.6.8.
AG1B	20 @ 9d. each	£0.15.0.

TOTAL 300 PHOTOFUX FLASHBULBS £10.6.8

(quantities are calculated on proportional sales by type)

Philips Photoflux Flashbulbs can always be relied on to give your customers perfect black-and-white and colour results—to give you high sales results.

large-as-life from



Sunsilk

NEW
MAGNUM
BOTTLES

For the best-selling pair...
SUNSILK BEAUTY and
SUNSILK LEMON
It's a better buy for your customers
Double the shampoo for only 3/11

EXTRA PROFIT FOR YOU!
SPECIAL INTRODUCTORY BONUS!

SUNSILK—Britain's fastest-selling shampoo

Gibbs Pepsodent Ltd., 43 Portman Square, London, W.1 (Telephone: HUNter 1200)

Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

OPUSHTRADE

SIR,—Your correspondent, Mr. R. P. Davies (*C. & D.*, October 24, p. 425) seems well informed on the subject of Messrs. Boots' entry into the price cutting "fashion." Perhaps he is equally well informed as to the reason they dispense private prescriptions at a cost of less than that received from the Ministry of Health. I have on one occasion taken this up with Messrs. Boots (*via* the N.P.U.) and the reply was "the manager was in error." I hope Mr. Davies can think of a better one.

E. R. MINIFIE,
Weston-super-Mare

Strictly N.P.U.

SIR,—With regard to your report of the N.P.U. area meeting held in Chester on October 11 (*C. & D.*, October 17, p. 394), I would like to point out that at no time did either Mr. Gellman or I suggest that the conference of Pharmaceutical Committee Representatives should be held on a Sunday. We were at all times referring to the conference of N.P.U. Branch Representatives held on April 2. The figures I quoted were the attendance figures of that conference. I would like to thank you, however, for reporting the resolution so fully, and hope you will bring to the notice of your readers that the resolution referred to the N.P.U. Conference of Branch Representatives.

THOMAS WILLIAMS,
Manchester

Claim Again

SIR,—Once more the Central N.H.S. Committee has allowed the Ministry of Health to pull a fast one on us. Instead of the "increase" we were awarded, we are now offered a compensatory payment for 1964 prescriptions which averages little over half of the amount due. The alternative, apparently, is a pistol at our heads. Accept this, or wait up to eighteen months until pricing catches up again. There appears to be only one satisfactory remedy. Accept the sop now so contemptuously offered, and put in a claim *at once* for a worth-while increase, one that will give us at least parity with the other professions involved in the Health Service.

C. R. THEWLIS.
Middlesbrough

Remunerating the Small Contractor

SIR,—Further to Mr. A. A. Stewart (*C. & D.*, October 24, p. 425) the Central N.H.S. Committee's estimate for 1964 arrears (June to September) gives the 500-a-month pharmacist a pay increase of one penny a prescription, and the over-3,000-a-month pharmacist sevenpence a prescription. The fact remains that the settlement is both stupid and unjust, and my advice is write to one's M.P. and the Press, because they have been misinformed regarding the

expected pay increase. One wonders if the Central N.H.S. (Contractors) Committee is going to demand the proposed subsidy for the rural area pharmacist in respect of the 1964 arrears.

N. H. RADCLIFFE,
Ormskirk, Lancs

A Company's Policy

SIR,—In his letter (*C. & D.*, October 24, p. 425), Mr. J. Badyan, Edgware, has rightly drawn our attention to an alleged deviation from our distribution policy for the Lady Manhattan perfume range. The facts given in the letter are, however, not complete, and not entirely accurate. A good-class toiletry and beauty requisite business, carrying the ranges of many well known toiletry manufacturers, operates in conjunction with, but quite separately from, this particular hairdressing establishment in Edgware, and it is in the toiletries section that Lady Manhattan merchandise is being displayed. We take this opportunity to reaffirm our policy that Lady Manhattan products are distributed through chemists, department stores and selected drug and beauty stores and it is our intention to maintain this policy.

J. C. & J. FIELD, LTD.,
J. A. BAKER,
General sales manager,
9A New Bond Street, London, W.1

Personal Tribute

SIR,—At the request of my committee, I have pleasure in enclosing a copy of the letter which I have today sent to Mr. G. H. M. Graham of Newcastle-on-Tyne.

Dear Mr. Graham,—At the meeting of this Committee last week unanimous agreement was expressed with the recommendation of the Central N.H.S. Committee that the arrears of payment for the January to September 1964 prescriptions should be on the basis set out in UL 28/64. The negotiations with the Ministry have been a long struggle for that Committee, who are to be congratulated on the satisfactory result. As those negotiations actually commenced when you were chairman of the Central Committee, my Committee feel that you were the true architect of the settlement, therefore they have instructed me to send you their sincere thanks and warmest appreciation for all the excellent work which started the negotiations on such a secure basis.

E. G. H. ADAMS,
Secretary,
Kent and Canterbury Pharmaceutical Committee

MELBORACIS

SIR,—Pricing scripts years ago
Was quite simple, as we know.
But that was in grandfather's day!
Time brings with it change,
And of fees a new range.
Just what would our grandfathers say?
In their day they'd announce,
"Mixtures; threepence an ounce."

What's a copper or two either way?
Small profits to reap,
With drugs very cheap,
And labour—so little to pay!
Any grandad who sees
The recognised fees
For dispensing, as now recommended,
May not just be shocked
But feel sorry he's erocked,
And that his career is now ended!
With a bit of a strain
He might start again,
Provided there isn't a catch,
There's no doubt his skill
Could turn out a pill
At fifteen shillings a batch!
But if grandad surveys
The list, then his gaze,
Might pinpoint for him a disaster.
Indeed he will see
That there is no fee
Suggested for spreading a plaster!
But his comment, so shrewd,
I feel sure would include
(Though it might not be wholly agreed)
That our coding of old
Is now written in gold.
The "honey" is golden indeed!

W.W.

Period of Grace

SIR,—We are very disturbed to have had it confirmed by the Board of Trade that, though the Weights and Measures (Marking) Regulations, 1964, under the Weights and Measures Act, 1963, permit retailers to sell, until July 31, 1966, goods marked in a manner that does not strictly comply with the Regulations, provided it can be shown that the goods concerned left the packer's premises before July 31, 1965, the Regulations do require such prepacked goods sold by retailers from July 31, 1965, to be marked with the weight, regardless of when retailers purchased and took them into stock. The retailer is going to be under considerable difficulty with unmarked goods in stock on July 31, 1965, as with many goods it will be impossible for him to know the correct weight for marking such goods. It does, therefore, seem that strong representation should be made by everyone concerned to the Board of Trade to allow a reasonable period of grace, say, one year, for goods to be sold by the retailer unmarked. Even the manufacturer or packer will, for many products, have on hand labels, cartons, metal containers, etc., which it is difficult or even impossible to overprint or stamp because of the nature of the surface, and on which for the same reason any sticker may not adhere. For the manufacturer or packer to continue sending those out over the next few months unmarked will mean that retailers are likely to have more unmarked goods on hand on July 31, 1965. For the manufacturer or packer not to send them out will mean costly wastage. Surely with sufficient pressure from everyone concerned, the Board of Trade can be made to see the reasonableness of a period of grace for retailers during

which goods in stock purchased before July 31, 1965, may be sold unmarked.

F. W. HAMPSHIRE & CO., LTD.,
H. CAWDRON, Director

Aspirin: Packs and Properties

SIR.—We noted the letter of Mr. Hutchinson in THE CHEMIST AND DRUGGIST (October 24, p. 426) and feel that your correspondent has possibly allowed his immediate emotional reactions to the Aspro advertising campaign to overcloud his professional knowledge and training. First, the most common size of branded and unbranded analgesic sold in the pharmacy is the 100-tablet size. That is also the quantity of tablets which is commonly prescribed by a doctor. Therefore the question of stock-piling hardly appears to arise, and it can hardly be reprehensible to draw attention to the availability of the best known product in this size in the pharmacy. Further, the present Aspro advertising campaign is well within the many advertising codes and has been approved not only by our own qualified medical, legal and technical departments but also by the Proprietary Association of Great Britain. Although Mr. Hutchinson is entitled to his views about Aspro advertising these are not, in fact, shared by many of his colleagues, most of whom appear to appreciate our endeavour to

co-operate with the retail pharmacist during this important period. So far as our product is concerned, every pharmacist knows that acetylsalicylic acid may sometimes cause minor gastric upsets and bleeding, and this occurs with all preparations of acetylsalicylic acid including soluble and buffered aspirin and compound analgesic remedies containing aspirin. Indeed, medical authorities generally agree that acetylsalicylic acid is the safest and most efficient analgesic available. This view was emphasised in American Government sponsored tests ordered by the Food and Drug Administration, which showed that the incidence and gravity of gastric upsets and bleeding caused by acetylsalicylic acid are of minor importance. There are, of course, many references in medical literature and published papers which support the view that acetylsalicylic acid is the safest and most efficient analgesic available—amongst them are:

Modell, "Drugs of Choice 1964-65," C. V. Mosby Co., St. Louis, p. 215. The widespread use of these agents during the past century attests to their effectiveness in relieving mild pain. Today acetylsalicylic acid is used more frequently for the relief of mild pain than all other drugs combined.

Acetylsalicylic acid and sodium salicylate are the best non-addictive analgesic agents to use because they not only are effective but also are less toxic than the para-aminophenols.

Krantz & Carr, "The Pharmacologic Principles of Medical Practice," London (1954), p. 593. Aspirin is perhaps the most harmless analgesic available. The widespread use of the drug is some indication of its efficacy in headache and muscular pain.

J. Reid, "Drugs Affecting Lipid Metabolism," Amsterdam (1961), p. 423. Not only has it (aspirin) maintained its place in therapeutics but it even shows signs of extending its clinical application.

Finally, I see from Mr. Hutchinson's quote from the British Pharmacopoeia that he is using a copy which is fifteen years old. In the latest (1963) edition the reference to acetylsalicylic acid has been revised to include the fact that its side effects to some patients are evident only "after large and repeated doses." In conclusion, most pharmacists will be aware that indeed the vital action of acetylsalicylic acid is its anti-inflammatory property. That property is considered so important by the medical and pharmaceutical professions that in September a conference, attended by experts from many countries, met in Milan to discuss the anti-inflammatory property of non-steroidal drugs, and many references were made to the acknowledged superiority of acetylsalicylic acid in that respect.

NICHOLAS PRODUCTS, LTD.,
R. D. HILL, B.Sc., Ph.D., A.R.I.C.,
Technical Adviser,
Slough, Bucks

Bournemouth Branch's Eventful Meeting

LADY CHAIRMAN WEARS NEW CHAIN IN NEW MEDICAL CENTRE

THE Bournemouth Branch of the Pharmaceutical Society held its first meeting in the recently opened post-graduate medical centre, Boscombe, Bournemouth, on October 2. The centre is intended to provide for post-graduate medical education, there being no teaching hospitals in the region, but the centre's council has invited the co-operation of allied professions and co-opted one member each from the local pharmacists and dentists. The sixty-six members and guests present were shown round the new building which, with its lecture room, library, bar and kitchen facilities will be of great benefit to the Branch which has never before had a permanent home. During the evening a chain of office given by Glaxo Laboratories, Ltd., Greenford, Middlesex, to commemorate the completion of the year of office as chairman, of their Southern area manager (Mr. B. Rose), was presented by the company's deputy managing direc-



Mrs. W. M. Callow is invested with the new chain of office by Mr. B. Rose (Southern area manager, Glaxo Laboratories, Ltd.).

tor (Mr. O. F. Morgan), deputising for the managing director (Dr. F. J. Wilkins). Mr. Rose, accepting the chain on behalf of the Branch, thanked Mr. Morgan for his urbane presentation, and commanding the Branch's wisdom in electing Mrs. W. M. Callow as chairman, he invested her with the chairman's badge, supported by the new chain. The new chairman asked Mr. Morgan to convey the thanks of the Branch and her own personal thanks to Messrs. Glaxo. She also asked Dr. D. Granger to thank his colleagues on the council of the post-graduate medical federation for welcoming the Branch to the centre and added the hope that relations between the two professions would continually grow closer. The slide projector presented to the centre by the Branch was then used to illustrate a recorded lecture "British Poisonous Plants." Finally, Mr. Rose expressed the thanks of those present to the chairman.



Left: Mr. B. Rose, as outgoing chairman of the Branch, receives from Mr. O. F. Morgan, deputy managing director, Glaxo Laboratories, Ltd., the new badge of office presented by the company. Right: Branch members present at the meeting.



Complan is a trademark.

NOW 14,000,000 HOUSEWIVES WILL KNOW . . .

**"Complan is the only drink that's
as fully nourishing as normal food"**

What do doctors recommend to patients who can't eat properly? Complan. Why? Because it alone contains all the nutrients essential to full health.

Can you remember the last time you were ill? Like so many other people, you probably didn't feel like eating. But as you know, it's during illness that you need nourishment most. This is where Complan

helps. Complan is a complete planned food. Hospital patients who cannot eat often live on Complan alone for months on end. It's pleasant to drink, easy to digest, easy to prepare. Ideal for home use. Retail price 4/6d. each 1lb pack.

This winter 14 million housewives will see powerful press and television campaigns for Complan—so stock up now to meet the coming demand.

Complan - the complete meal in a cup

Backed by all the experience of Glaxo Laboratories Ltd., Greenford, Middlesex.

we've moved →

To give you even better service
WARRICK BROTHERS LIMITED

(Agents for Robert Gibson & Sons Ltd.)

THE MAKERS OF Rinstead

are merging their distribution, marketing and despatch departments with their newly associated company, Potter & Moore Ltd.

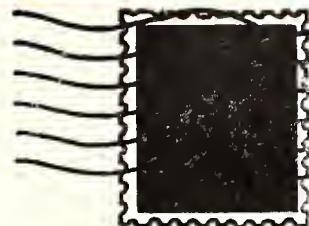
From 1st November their new registered office address will be:

**Warrick Brothers Limited, Seymour Road,
Leyton, London, E.10.
Telephone: LEYtonstone 3334**

and all correspondence, orders and enquiries should be addressed there.

WARRICK BROTHERS LIMITED

Warrick Brothers Limited,
Seymour Road,
Leyton,
London, E.10.



Warrick Brothers Limited, makers of Rinstead, a wide range of general pastilles, lozenges and other products, are confident that, by centralising their departments in London, with its better communication network, they will be able to improve still further the service they now give the chemist.

Warrick Brothers wish to make it clear that it is their intention to continue their policy to sell only to chemists and to support retail price maintenance.

WARRICK BROTHERS LIMITED

A Member of the Albright & Wilson Group



SEYMOUR ROAD, LEYTON, LONDON, E.10

TAS/WK.55

NOW YOU'RE STOCKING UP FOR CHRISTMAS...



IT'S A GIFT

extra profits for you during the peak hairspray selling season.

EXTRA TV SPARKLE

sends the VO5 story to 33,000,000 women viewers *every month* — right through to Christmas.

**HURRY—GET YOUR VO5
CHRISTMAS BONUS NOW!**

offer closes December 12th

TELEPHONE: HOP 1623

Alberto-Culver Company, 44-46 Newington Causeway, London, S.E.1.



The
CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

ESTABLISHED 1859

Published weekly at
28 Essex Street, Strand, London, W.C.2

TELEPHONE: CENTRAL 6565

Bridging the Export/Import Gap

As a matter of urgency the Government, within the space of about a week from taking office, and before members of Parliament had even taken their seats, has brought into effect major import charges in an effort to curtail imports and bring down the trade gap to manageable proportions.

As will be seen from p. 440, many items affecting pharmacy must become dearer as stocks require to be replaced. Among them are foreign perfumes and pharmaceutical chemicals, imported cameras and films. The levy is described as a temporary charge, but no official spokesman seems willing at the present stage to define in months or years the meaning of "temporary." The point, however, was made by the Prime Minister in a television address that the surcharge was "not applied in any protectionist spirit."

Whilst the measures taken have, on the whole, been well received by the country, there will no doubt be protests, many of them justifiable, at some of its implications. Essential oils are a case in point. Certainly many are used in perfumery manufacture but the greater bulk of, for example, peppermint goes to the food industry, and food was specifically mentioned as exempted. Such anomalies must inevitably occur in hurried legislation. Before they are allowed to grow into a complicated mass of tortuous legislation as further exemptions are decided upon, it is greatly to be hoped that the necessity for the surcharge will disappear. Meanwhile reaction may be expected from foreign suppliers because, for a member of G.A.T.T. (General Agreement on Tariffs and Trade), as Britain is, such a practice is technically a contravention. It would be regrettable if the "emergency" action provoked reprisals.

A more positive and, we hope, more permanent element in the Government's scheme is the provision for rebate of tax components in exports. That will be appreciated as an important step in the direction of encouraging exporters to cultivate customers overseas. Also welcome is the long-term proposal to organise co-operative selling arrangements overseas to enable small firms to play their full part in the export drive. That is likely to bring into the export returns, if implemented, the valuable contribution, hitherto unexploited, that the smaller manufacturers can make. Despite many appeals by previous Governments, and offers of assistance from the successful larger manufacturers, the smaller firms have not come forward in the way the country needs. The new assistance may persuade them to do so.

Overseas Trade in Pharmaceuticals

DETAILED United Kingdom export figures for September, published in the Trade and Navigation Accounts just issued, show that most items in division 54 (medicinal and pharmaceutical products) were maintained at around the levels of recent months. Total for the division, at £4,411,692, was about £300,000 less than in August but nearly £700,000 more than in September 1963. Total for the nine months was, at £43·57 millions, 10 per cent. higher than in the corresponding period of 1963. Sales of penicillin products in September followed the downward trend shown during the year, but other antibiotics more than compensated for that loss. Details of export and import pharmaceuticals for September are given in the accompanying tables.

Australia was the biggest customer, taking medicinal products to the value of £366,201, Nigeria being second with £268,724. France's purchases, at £232,792, put her in third place, followed by the Irish Republic with £222,505. Burma, which topped the list in August, bought £201,377 or four times the value of purchases in the previous September.

September imports in the same division were valued at £567,953, of which antibiotics accounted for £110,567. Imports of medicines from West Germany were more than three times greater, at £179,697, than in September 1963, whilst the aggregate for the nine months was £1·26 million (against £0·66 million). Purchases from the United States were valued at £89,510 (against £307,035).

PHARMACEUTICAL PRODUCTS—EXPORTS	£
Scra and vaccines	156,914
Vitamins	97,676
Antibiotics	
penicillin injections	40,756
tablets, ointments, etc.	171,339
other	251,878
Alkaloids	35,421
Acetyl salicylic acid	68,175
Antihistamines	39,389
Antipaludics	60,036
Barbiturates	23,524
Hormones	149,078
Glycosides	16,381
Ointments, liniments*	88,267
Organotherapeutic glands, etc.*	3,681
Sulphonamides	67,399
Proprietary medicines*	1,334,691
Unclassified medicines*	557,651
*Not elsewhere specified.	

PHARMACEUTICALS IN BULK	£
Vitamins	125,233
Penicillin	106,638
Antibiotics other than penicillin	283,631
Alkaloids	63,812
Hormones	170,040
Glycosides	4,853
Organotherapeutic glands	32,656
Acetyl salicylic acid	18,622
Barbiturates	24,954
Sulphonamides	107,345
Glycerin	27,827
Citric acid	70,609

PHARMACEUTICAL PRODUCTS—IMPORTS	£
Vitamins	45,877
Antibiotics	110,567
Alkaloids	54,854
Glycosides, glands, sera, vaccines	34,142
Proprietary and veterinary medicines	261,846
All other	60,667

"OPEN SHOP"

An unscripted commentary on the special problems of the pharmacist in general practice

E. C. TENNER

THE General Election fell during my annual holiday this year and, though I hold convinced political views, my need for a pre-arranged vacation dragged me away from my polling station and also daily newspapers. But two days after polling day I obtained *The Times* to see the detailed results and was shocked to see a headline: "CHEMISTS TOLD TO JOIN CUT-PRICE WAR" over a brief report based upon the National Pharmaceutical Union's statement on price-cutting. Now that I have carefully read the statement itself, I think *The Times* headline gave me, and probably many another, a wrong impression of what the N.P.U. had actually stated:

"... Where price cutting is widespread and blatant, it is probably advisable to meet the competition where the lines are nationally advertised high turnover 'bread-and-butter' lines. In the case of price cutting of other lines, it is probable that the prices recommended by the manufacturers can be observed in all areas."

It is now accepted by all that price cutting in medicinal goods is unprofessional. Many of us have thought for years that price cutting of *any* goods is a bad and eventually harmful means of trading, harming the consumer, the distributor and the manufacturer. It does seem to me that the N.P.U. have given a filtered green light to chemists when pressed to proceed to cut non-medicinal prices if they are persuaded that they will not be doing irreparable harm to their eventual non-medicinal and medicinal business by so doing. It is regrettable to read in the preamble to the observations in the statement, that the N.P.U. Executive Committee came to the conclusion that "... it was not possible to make any general recommendations which could be applicable to all members and that each member must assess his own local circumstances. . ." It is my opinion that, if ever there was a time for unified action based on good business principles, it is now. This filtered green light to destruction is bad guidance to members asking for good.

Losses . . . but Compensations ?

Coming back to the Election results, the first thought that sprang to my mind and pocket was: How soon will the prescription charges be removed and what will happen to my dispensing figures? There is little doubt that more prescriptions will be presented for dispensing and that we shall be saved much time and trouble at present concerned with the collection of this tax. I wonder, however, if doctors will revert to prescribing smaller quantities now that the need will no longer exist to consider the size of the patient's purse. At this stage I tried to find Sir Hugh Linstead's result (eventually my wife succeeded in tracking it down under London, Wandsworth, Putney): unseated by 1,307 votes. At a time like this, just after he had been a tower of strength to pharmacy in Parliament, this seemed a major loss for the profession and an unkind treatment for him. Yet there may be compensatory advantages to be gained from the time he will now have for us in Bloomsbury Square.

Code of Honour

When I started my pharmaceutical life I was an OMAN-BEJUST, later I changed to a BISHOPSGATE and now shall become a MELBORACIS. I was brought up in this tradition of marking the coded price on all private prescriptions dispensed and always honouring a colleague's coding. To price cut on dispensing work is most unprofessional behaviour, and for many years I have done all I can to encourage pharmacists to adopt the prescription coding scheme for everyone's benefit. In many ways the pricing code is the most important part of the Council's "Recommended Method for Pricing Private Prescriptions." It could

strengthen the public's confidence in their medicine and us. This value depends on its use by everyone dispensing a private prescription. It will be interesting—very—to note whether the large multiple chemists adopt and honour MELBORACIS, or whether they continue their present procedures. It seems to me that to underprice a coded MELBORACIS price on a prescription would be unprofessional price cutting in medicines. The note to "(c) Tablets, etc., *Not Extemporaneous*" which states that "for prescriptions for original packs of proprietary preparations available for counter sale the price should be the retail price" needs further elucidation. Does it mean that an original pack must be specifically ordered, or the number that would comprise such a pack? Does the qualification "available for counter sale" include original packs of Schedule 4 items such as "the pill" for the retail price charge? Whether it does or not, I contend that, to decipher any prescription and directions, write a label and enter a copy of the prescription in the prescription book is worthy of a professional fee (scale fee) over and beyond the retail price. However, if MELBORACIS is scrupulously used and honoured, the scale fees we charge will be gradually established and our unity in pricing will increase public respect for us. MELBORACIS could unite all pharmacists in retail practice, but will those employed by "multiple" firms be allowed to be so united?

Pause for Reflection

Many of us, perhaps because we have been deeply engrossed in settlement with the Ministry of Health, price maintenance and professional fees, have not been giving enough thought to the apparent intention of our Pharmaceutical Society's Council to proceed to alter its constitution with all the correct procedure but at an early date.

The question was raised in Council in 1963. In April 1964 the Council proposals were placed before the branches and members. Branch opinions were asked for before October 31. After that a special general meeting of the Society will have to be called to alter the Charter of the Society with Privy Council authority. Our original charter has already been altered and brought up to date—and recently, too—so these new proposals do appear sudden and drastic. It is a matter of typical British principle that, so long as a Constitution works, one should not interfere too much with the machinery. Maintain that machinery but think carefully before rushing into fundamentally rebuilding it. The introduction of sectional groups into the Council is a fundamental change. An elected councillor might come to acquire a different status from that of a nominated one, who might become practically irremovable. Many other points must also be threshed out to the satisfaction of our highly educated membership. Is change necessary, or urgent? After 120 years' standing let us at least take the next year and one Council election before deciding whether to destroy simple free election for pharmaceutical councillorship.

ECHOES OF THE PAST

THE SCURVY

From "Primitive Physick: or, an Easy and Natural Method of Curing Most Diseases," by John Wesley, London, 1772.

Live on Turnips for a Month:

Or, an entire Milk Diet for six Months:

Or, take Tar-water, Morning and Evening, for three Months:

Or, Infusion of Horse-Radish:

Or, Decoction of great Water-Dock. Perhaps there is not in Nature, a more effectual Plant for the Scurvy than Water-Dock.

HOSPITAL PHARMACY FORUM

WORKERS IN A TEAM

By a HOSPITAL PHARMACIST

"Oh, Mr. Barber, what shall we do?" (apologies to the writer of the song). Mr. Barber has said many things—done some—that have been "biassed" (if that be the word) to hospital pharmacy. He might even have thought an independent working party, inquiry—a pharmaceutical Noel Hall—was needed, and might possibly have set off departmental action. But now we have no Mr. Barber and (at the time of writing) no Minister of Health! Is hospital pharmacy again in the limbo, suspended between two political Parties, the friend of neither, the butt of the profession, a public service becoming a little frayed by the frustrations of trying to do a good job and seeing no fruits for the labour? "Never had it so good" has yet to come for hospital pharmacy. It is to be hoped that some of the recent probings, the publicity, the public utterances, the despair of reaching an equitable solution to the many problems, has rubbed off on to the new administration. If on occasion we feel we can begin to take heart, we suddenly are faced with the truth that the "masters" are still the Treasury and that whatever party sets the pace, the financial veto still remains.

Yet however large the national problems, however irksome the necessity of redressing the balance of payments some attention must be paid to hospital pharmacy before it is too late. What is sure is that hospital treatments will not get less costly. They will mean more public money, and that in turn will mean greater use of the *nous* and *savoir-faire* of the pharmacist (hospital saying: "When in trouble see the pharmacist"). But this time his or her services must be recognised and some recompense given. Good luck to those spokesmen of the hospital pharmacists who have to make decisions on behalf of about 1,500 of their colleagues.

Infiltration at Local Level

It is amazing how the medical profession is able, in the end, to have its own way. Frustrated and refused on a national level, the doctors set in train processes at a local level and there meet with success. Take the writing of the name of the medicine on each patient's bottle. Nationally, and jointly with the pharmaceutical profession, it was agreed that that was not the thing to do. Many medical

officers, not satisfied with that outcome, set the ball rolling locally and, through enthusiastic colleagues and compliant pharmacists, converted whole areas to that way of labelling. Indeed there are some teaching hospitals where it has been standard practice for years for all out-patient medicines to be labelled with the approved name. Slowly Local Medical Committees are seeking an extension of that practice to all out-patient facilities. All the pro's and con's are known but matters are at sixes and sevens. The thing is becoming so urgent in hospital circles that a national answer will have to be found, and a national ruling given, and that quickly. Otherwise there will be a *fait accompli*—at least in the hospital world—and then it won't be long before its extension to general practice comes about.

Financial Pressures Ignored

Hospitals will have received the latest edict concerning EC10 (HP) forms. The battle *vis-à-vis* hospital and general practitioner now seems to have been won in favour of the hospital practitioner. No longer are out-patient clinics termed "consultative," with automatic referral back to the general practitioner. No! the hospital practitioner may now decide whether to treat the patient or not! Victory for the hospital, one must say. But what of the cost to the hospital service? Never mind about that! No pressure must be put on hospital staff "for financial or other reasons" to limit prescribing. So says the edict! All of which makes it infinitely more difficult for the hospital pharmacist to do his job properly and to his professional satisfaction. Hospital work is nothing if not team work, involving doctor, pharmacist and nurse. To make any one of the three omnipotent destroys the team, and can only engender an attitude of mind that is not conducive to most fruitful use of resources. In the end its drives the best people into the back room, instead of keeping them out in front, meeting all professions on equal terms, and linking the medical staff on the one hand with the laymen on the other. For that is the place of the pharmacist—a junction between the medical and lay, but of equal status. Perhaps the new Minister of Health will think carefully on these things, for to be sure hospital pharmacists and their representatives will soon be after him!

Pharmaceutical Society of Ireland

MONTHLY MEETING OF COUNCIL

MR. J. P. O'Donnell (outgoing vice-president) was unanimously elected President at the monthly meeting of the Council of the Pharmaceutical Society of Ireland held on October 13. He succeeds Mr. D. J. Kennelly. Mr. M. L. Cashman (outgoing treasurer) was elected Vice-president and Mr. T. R. Miller Treasurer. A new member, Mr. J. B. Murphy, Ballyphenane, Cork, was co-opted to replace Mr. P. A. Brady, who had withdrawn his name. Mr. Brady had been a member of the Council since 1927, and had held all its offices. Other members returned unopposed were Messrs. H. P. Corrigan, C. J. Cremen, J. Gleeson, V. G. McElwee, W. E. Boles and T. B. O'Sullivan.

Proposing the election of Mr. O'Donnell, MR. KENNELLY said that the coming year would be possibly the most critical in Irish pharmacy. "Matters within the profession have been moving fast and it is important that we have leadership in the Council to direct us along the right lines." Mr. Kennelly said that he was vacating the chair with regret, as it had been "the culmination of all I hold dear in Irish pharmacy." Mr. O'Donnell he described as "one of

the bright young men we have been able to attract into Irish pharmacy." Mr. O'Donnell's opinions, expressed at meetings of the West of Ireland Association, had been of great advantage to professional pharmacy. He was a man with solid fundamental principles for the profession and when he had been elected to the executive of the Irish Drug Association, the Council had cast envious eyes towards Merrion Square. During Mr. O'Donnell's period on the Council he had contributed considerably to all discussions and decisions but had never forgotten the pharmacist in the provinces—particularly the veterinary pharmacist.

MR. G. C. O'NEILL, seconding, said that, while it was a great moment to be electing Mr. O'Donnell, it was a sad one to be parting from Mr. Kennelly. "I have never heard such spontaneous tributes to any man in pharmacy as have been paid to Mr. Kennelly in the past few weeks. It would be a consolation to him that he was handing over to one who, like himself, had the qualities of sincerity and dedication to Irish pharmacy."

Replying, MR. O'DONNELL said that, in accepting office,

he was conscious of the heavy responsibilities placed upon him. Asked to hand-pick a team, he would unhesitatingly pick the members at present constituting the Council, because each had a particular talent. Of the retiring president he said that in Mr. Kennelly the Society had found "the complete man," who had dedicated his life since his student days to the furtherance and betterment of Irish pharmacy. The profession was now poised on the brink of better things. Only when the evolution materialised would the work of Mr. Kennelly be fully discernible. The Council had now the power to bestow the honour of Fellowship on those who had rendered distinguished service to pharmacy and in time he believed Mr. Kennelly's outstanding contribution would be acknowledged in that way.

Proposing Mr. Cashman as vice-president, MR. O'DONNELL said that in the eight years in which Mr. Cashman had been on the Council, he had contributed handsomely to the work of its committees. He was a wise and able administrator and would have gone far in political life if he had chosen to enter it. MR. M. COSTELLO, seconding, said though he was a fellow-Kerryman, there was no county outlook about Mr. Cashman. The work now cast on the president, he said, was really too much for one man and the time had come when all Council members would have to shoulder some of the burden. Mr. Costello and MR. F. LOUGHMAN added their tributes to the work of Mr. Kennelly during his term of office.

Proposing Mr. Miller as treasurer, MR. LOUGHMAN said that, though robust in debate, Mr. Miller was always much to the point. In appointing him the Council would be doing a service to pharmacy. Mr. Cashman had dealt with finances on a sound basis: "I have the greatest confidence in Mr. Miller to carry on the good work." MR. J. GLEESON seconded. In his reply, MR. MILLER said he had often found himself in stormy waters during his term on the Council, but it had always been in the interests of pharmacy. Mr. Kennelly's stature, he said, would grow as the years passed, and it would be about fifteen years before all he had done for the Council and the profession could be fully appreciated.

A Memory to Cherish

Replying, MR. KENNELLY said that the presidency had been the highlight of his career. The outstanding memory he would cherish was of the extraordinary sense of fellowship that existed in the Council. He also paid tribute to the assistance he had received from the registrar (Mr. J. G. Coleman) and to his colleague on *Comhairle na Nimheanna* (Mr. Corrigan). The new poisons regulations, he said, would owe much to the work Mr. Corrigan had put into the drafting of the recommendations.

MR. KENNELLY had, at the outset of the meeting, welcomed Mr. Murphy, who had recently been co-opted to the Council in place of Mr. Brady. It was pleasing, said Mr. Kennelly, to have a representative from Cork on the Council again. MR. MURPHY replied that the Council had bestowed an honour on the Cork and County Chemists' Association in allotting them the seat.

Announcing that apologies for non-attendance had been received from Messrs. Mulreany, M. Power and R. J. Power, THE REGISTRAR disclosed that Mr. R. J. Power had a fractured fibula. Mr. Coleman was instructed to send him a message of good wishes. Later, a telegram from Mr. Power was read conveying best wishes to the new officers and congratulations to the outgoing president "for a good job well done."

When a letter was read from the Department of Health inviting the views of the Council on proposals to establish a European Pharmacopœia, MR. KENNELLY said it was only logical that the standard of drugs and medicines should be as uniform as possible throughout the continent. Unfortunately the Republic had no standards of its own, and was dependent on the British Pharmacopœia. He believed it important that the Society should think progressively and

support the proposal. If and when the time arose he would like to see a member of the Council nominated on the European governing body. MR. R. J. SEMPLE welcomed the proposal and looked forward to uniform standards for the whole world. It was decided to form a small subcommittee, to include Professor Timoney, that would make its observations after the next meeting.

MR. D. W. P. BOYD (director, post-graduate Education Committee), in his annual report, disclosed that there was a sum of £295 to the credit of the Committee. Mr. Kennelly said the Committee had done excellent work for the Council and had gone to considerable lengths to have the courses prepared and dispatched.

Improved Poisons Observance

Arising out of the Law Committee report, MR. CUMMINS (inspector) said that there had been a general improvement in the observance of the poisons regulations. MR. KENNELLY urged pharmacists to be extremely vigilant over forged prescriptions presented in the Dublin area, particularly on receipt of a prescription for a narcotic substance. The responsibility of the pharmacist was serious, and the fact that the prescription was on the printed notepaper of a hospital or doctor was no guarantee that it was genuine. If the Council did not see that the work of observing the poisons laws was carried out, the State would do so and the matter would be taken out of the hands of the Council completely.

Arising out of the Schools Committee's report, it was suggested that Professor Timoney and the registrar should endeavour to inform students that it would be a most short-sighted policy to take up appointments before securing the Society's qualification.

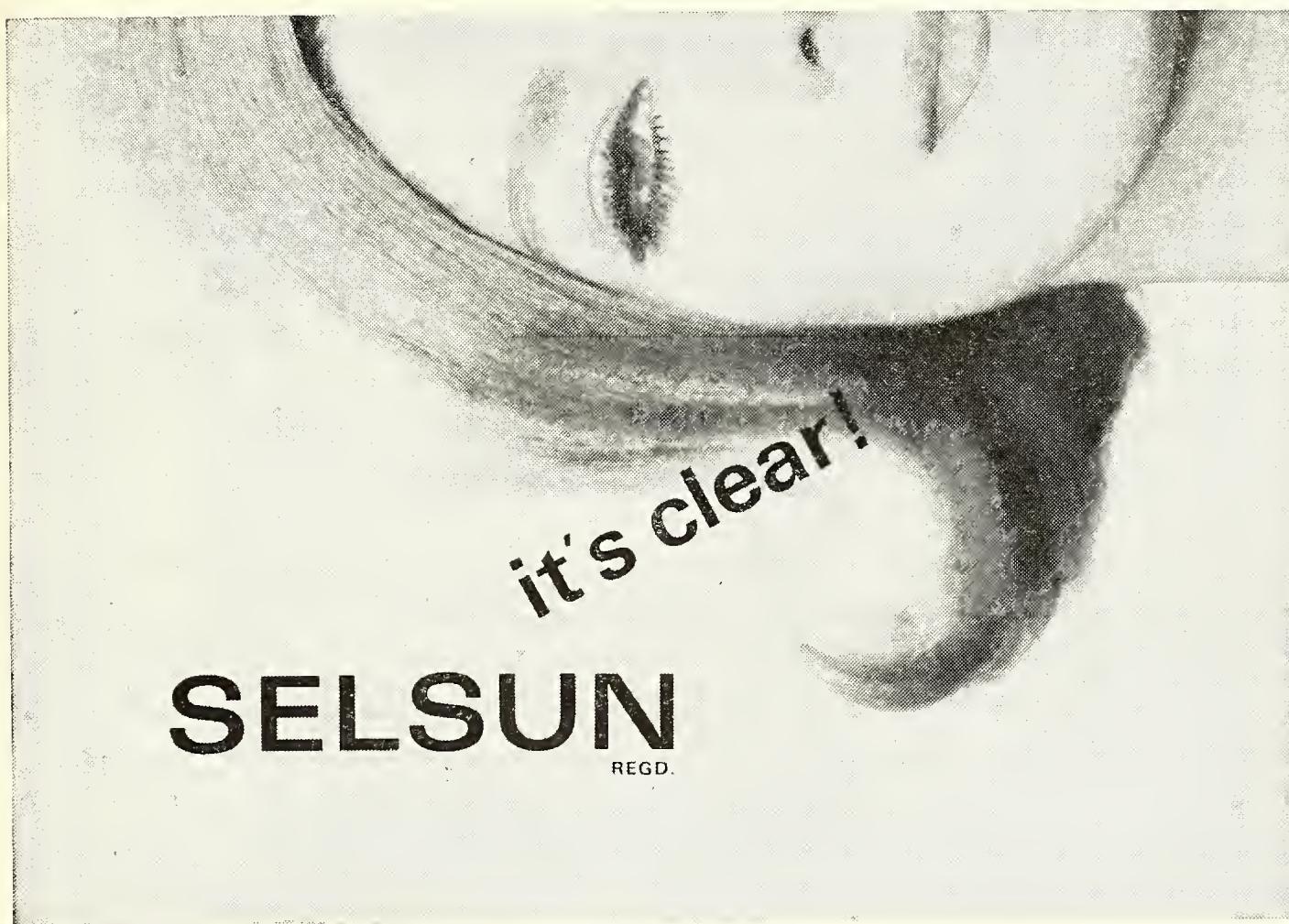
THE REGISTRAR reported on the deaths of Messrs. Charles Stanislaus O'Hare, L.P.S.I. (the Society's oldest member, having qualified in 1898) and Thomas Leahy, L.P.S.I.

Messrs. Francis Doyle, L.P.S.I., 47 Suir Road, Kilmainham, Dublin; Denis G. Murphy, L.P.S.I., 61 Upper Drumcondra Road, Dublin, 9, and Alexis J. Fitzgerald, L.P.S.I., 104 Taney Road, Goatstown, Dublin, 14, were elected to membership. Approval was given to the signing and sealing of the Licence certificates of Mary B. Hayden, Maire Sunniva Sheehan and Aidan Murphy. Mrs. Kathleen Keaveny (née Kearns), L.P.S.I., was granted change of name in the Registers, a marriage certificate having been submitted.

The following were granted registration in the Pharmaceutical Assistants' preliminary register:—Ann M. McElwain, Menlough, Ballinasloe, co. Galway; Anna M. Ryan, Glenkeen, Borrisoleigh, co. Tipperary; Josephine P. Golden, Crosspatrick, Killala, co. Mayo; Pauline M. Fahy, Williamstown, Trim Road, Navan, co. Meath; Geraldine P. O'Donnell, 71 Ballymun Avenue, Dublin; Maire D. Devlin, 2 Addison Road, Fairview, Dublin, 3; Frances McEvitt, 39 Ascal a Haon, Yellow Batter, Drogheda; Mary P. Butler, Medical Hall, Dunmanway, co. Cork; Valerie E. F. Woods, 111 Lower Baggot Street, Dublin, 2; Philomena A. Higgins, Main Street, Bailieboro, co. Cavan.

The following were granted registration in the Pharmaceutical Chemists' preliminary register:—Mary A. J. G. Majella Wyer, 14 Church Street, Tullamore; Kathleen M. Brady, Drumcralpin, Tullyco, Cootehill, co. Cavan; B. C. Maxwell, Glen Brosna House, Ballinagore, Mullingar; J. A. C. McCombe, 41 The Square, Listowel, co. Kerry; Isabel M. A. Headon, Strandhill Road, Sligo; Jane M. T. Mahony, Cluain Mhuire, Sion Road, Kilkenny; Ann F. B. Glynn, Athymon, co. Galway; Gladys A. J. Harman, Medical Hall, Carrick-on-Shannon, co. Leitrim; Christina A. M. McBriarty, (M.M.M.) Our Lady of Lourdes, Drogheda; Lye P. Thow, 365A Chulia Street, Penang; Laloo Bhagwan, 1 Ortmann Road, Pietermaritzburg, Natal, South Africa; Elizabeth A. Dowling, 147 Fortfield Road, Terenure, Dublin, 6.

The following changes of address were noted:—Mrs. Maude O. Hendy, M.P.S.I., to 31 Sion Road, Dun Laoghaire; Mrs. Mary C. McGrath, M.P.S.I., to 4 Blackheath Gardens, Clontarf; Messrs. T. Carley, M.P.S.I., to Raphoe, co. Donegal; M. R. Spittle, M.P.S.I., to Kilfinane, co. Limerick; P. J. Varden, L.P.S.I., to c/o 12 Vernon Drive, Clontarf; R. L. Austin, M.P.S.I., to 5 Eginton Road, Donnybrook; S. J. Carden, L.P.S.I., to 19 St. Catherine's Park, Glenageary; T. C. Mac Giolla Riogh, M.P.S.I., to 106 Foxrock Park, Dublin.



(SELENIUM SULPHIDE SUSPENSION, ABBOTT)

Easy-to-use SELSUN is a quick & effective treatment for dandruff. Symptoms are controlled with the first few applications; each subsequent application keeps the scalp healthy for at least four weeks. Clinical studies show effective control in over 90% of simple dandruff cases, and in 80% of seborrhoeic dermatitis cases. In 1, 2 & 4 fl. oz. bottles complete with simple directions.

FOR EFFECTIVE CONTROL OF
Dandruff

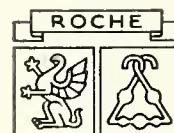


ABBOTT LABORATORIES LIMITED · QUEENBOROUGH · KENT

for relief of anxiety and tension

Librium*

**CHLORDIAZEPOXIDE
ROCHE
PATENT NO
UK 864824**



* registered trade mark

NUFFIELD FOUNDATION

Grants in 1963-64

THE Nuffield Foundation has published its nineteenth report, dealing with its activities during 1963-64. Reference is made to a grant of £6,000 over two years to the school of pharmacy, University of London, to enable Professor W. B. Whalley to continue his investigations of subtle conformational effects in the chemistry and biochemistry of steroids and related substances. The report states "In this speculative and highly theoretical field, Professor Whalley and his colleagues have already arrived at a semi-quantitative interpretation of conformational transmission in cyclo-hexenones; and they are able to make predictions about, for example, the relative reactivity of the bonds in a 3-keto-steroid and in other keto-groups occupying other positions in the steroid nucleus. These concepts are expected to lead to a deeper understanding of the effects of substituents in the precise shape (or conformation) of steroids. It is generally accepted that the shape of a molecule is one of the major factors influencing its biological activity. Professor Whalley's work may result in new and possibly simpler synthetic routes to some steroids, including those of potential medical value." Other work in the United Kingdom supported by the trust includes research on cell membranes carried out at the University of Manchester where Dr. W. D. Stein is concerned with the transport of organic molecules across cell membranes. The report states that by means of isotopically labelled material Dr. Stein hopes to isolate the component responsible for the transport of glucose across the human red cell. Professor Chester Jones, Sheffield University, is carrying out an analytical study of the interaction of steroid hormones, especially adrenocorticosteroids with macromolecular structures in the cell.

"Areas of Weakness" Identified

Two areas of weakness in biological research have been identified by the Foundation. They are in plant physiology and in aspects of food science defined as "long-term biological effects of the physical and chemical treatment of food." The Foundation has therefore made a series of grants to research groups to give a stimulus to work on plant nutrition processes. In the section devoted to medicine there are references to the Foundation's rheumatism research programme aimed to increase knowledge of the fundamental biological processes bearing upon rheumatoid arthritis. Grants have been made to workers at the Middlesex hospital medical school who are testing the hypothesis that the synovial inflammation found in joints of rheumatoid arthritic patients is a consequence of an autoimmune reaction directed against one or more constituents of the synovium. At the Manchester University current studies supported by the Foundation are mainly concerned with the localisation of various enzyme systems in synovial tissue, and the development of methods of identifying

hyaluronic acid with the electron microscope, with a view to determining the site of its synthesis in the synovial membrane. The metabolism of steroids is being investigated at the King's College hospital medical school. For a number of years the Foundation has supported the rheumatism research programme at Birmingham University that has been concerned with the investigation of plasma protein abnormalities in the disease. The rôle of plasmin and plasmin inhibitors is being investigated at London University. The chemistry of mucopolysaccharides with particular reference to the structure of tissues liable to rheumatic conditions is being studied at the Birmingham University. A grant of £16,000 over four years has been provided to Professor Williams (Wright-Fleming Institute of Microbiology) for development work in connection with automatic methods for bacteriological diagnosis. A computer for medical and biological research has been made available to the unit of biometry, Oxford University. The

Foundation has also renewed grants in respect of research concerned with developments in open heart surgery, diseases of the kidney and urinary tract and virus infections.

Grant allocations from the Nuffield Fund during the year totalled £1,785,963. A total up to £350,000 has been allocated for a unit of medical genetics at Liverpool University. It is the largest single grant made by the Foundation for medical research. The report states that recent research on polymorphism and on the relation between human blood groups and disease "had reached a stage when the trustees of the Foundation felt that the time had come for a major development." The future programme of work at the Liverpool unit would include studies on rheumatic fever, rheumatoid arthritis, duodenal ulcer, leukæmia and other cancers, thyroid diseases and schizophrenia as well as haemolytic disease. The Foundation has also made grants to support work in social research, education and also investigations into the care of old people and research in ageing. Grants were also made to research workers in a number of Commonwealth countries.

RESTORATION OF A KENT PHARMACY

Fifteenth-century building on a Saxon burial site

THERE must be few pharmacies that can claim to be situated on a Saxon burial site, but that is a true claim for the Saxon Pharmacy (part of "The Saxon Warriors") which occupies a prominent corner position in The Square, Lenham, Kent. The building dates from the mid-fifteenth century and was originally an example of the "hall-house" common throughout the Weald. The Maidstone-road wing was added later. In the central hall, now a pharmacy, may still be seen the circular hearth below the king-post discovered during recent renovations. While the space between the floor boards and ceiling plaster was being investigated for damaging wood-boring insects, a miscellaneous collection of small objects was found: buttons from the uniforms of several wars, and civilian

buttons of Victorian and earlier times; coins, hop tokens, beads, a variety of children's toys, and a book of private devotions. In 1946 an even more remarkable discovery was made. Three complete skeletons were then uncovered, the remains of two men and a woman, considered to be Saxons of about the sixth century. Lying across the breast bones of the central figure were the remains of a sword, spear head, two daggers and the umbo of a shield. What was unearthed may well represent the corner grave of a Saxon cemetery, for the burial was a "careful" one, with the regalia placed methodically.

In a building so ancient as "The Saxon Warriors" it is hardly surprising that the massive timber "bones" had become infested with the wood-



Exterior of the Saxon pharmacy at Lenham, Kent.

boring beetles. Rentokil Laboratories Ltd., were called in recently to treat the wood and the company's workers had to remove sections of boarding between rafters and replace them after treatment. The floor of one of the first-floor rooms was constructed of oak-lapped boarding of various widths up to 15 in., spiked with handmade nails. To avoid damaging the boards it was decided to remove plaster from between

the joists below, so as to ensure complete treatment for the underside of boards and joists. Twelve and a half years ago when Mrs. J. A. Langridge decided to take over the premises and establish a pharmacy the building was almost "a ruin." Now with the wood-boring beetles eradicated it should be safe from attack providing most attractive accommodation in which to conduct a pharmacy.

"PHARMACEUTICAL CUISINE" IN FRANCE

Growth of a manufacturing laboratory

"A COURSE in pharmaceutical cuisine" was how Monsieur Michel Delalande described his talk on "The Growth of a Manufacturing Laboratory in France," during his lecture tour arranged by the Franco-British Pharmaceutical Commission. M. Delalande spoke to the Manchester, Leeds and Sheffield Branches of the Pharmaceutical Society during the week beginning October 12.

M. Delalande disclosed he was the son of a provincial doctor, "one of those earlier doctors to whom service comes before money. This means that I have not been brought up in luxury." His father was a war victim in 1918.

Because of his preliminary pharmaceutical education, M. Delalande said he was attached to the Health Department and sent to the University of Lyon for an accelerated course of training lasting six months. He then obtained the qualification of auxiliary chemist. "I was then sent to the Central Military Pharmacy at the Military Hospital of Strasbourg, where I learnt quite a lot of things. That was almost my introduction into the pharmaceutical industry." Products made at the hospital included tablets, ampoules and ointments.

A Degree of Liberation

After demobilisation in 1919 he resumed his studies and obtained a scholarship for internship in any Paris hospital. "No doubt this liberated me from all material troubles, for I was given board and lodging at extremely low cost." M. Delalande said he had elaborated so much on his youth because he wanted to introduce a man who had had much influence upon him. "My uncle was a pharmacist. He was a little, gay, jovial, indulgent man with a slightly sceptical and yet extreme kindness. Being himself an orderly and meticulous man. . . . He was courageous as proved by the fact that from 1898 he began to manufacture a few specialities. Together with some friends and colleagues, he organised a group which sent representatives to Mexico, Cuba, Argentine and Venezuela, etc., to sell their products. It was those famous days when, for example, a chemist, on receiving delivery of French specialities, would stick an advertisement in his window: French preparations have arrived. In no time, there was a queue for the purchase of these recently arrived and marvellous European products!"

"Thus my uncle made quite a business in these Latin-American countries. Of course the turnover was not fantastic but it was sufficient to stimulate in me an interest in production and commerce."

From his uncle he learned the sense of responsibility required in business, its feeling and risks, and the necessity for straightforwardness.

At that time industrial pharmacy was simple. There were practically no regulations except for toxic products. "The government did not care for us and we did quite well without it."

It was under such circumstances he bought, on credit, his uncle's rather small laboratory in 1923. The following year, submerged with debts, he bought one of the oldest British pharmacies in Paris, near "l'Etoile" and thus was able to follow the therapeutic evolution both in France and abroad. His main ideas were to increase his export turnover by manufacturing current products likely to have a wide sale, and to introduce new products on the French market, where the laboratory was absolutely unknown, with a view to obtaining a place and a reputation both for quality and seriousness. He also wished to keep a private business without associates or foreign concerns.

"On the whole, I have achieved my aims," said M. Delalande. The methods used rested on two major principles, placing the "human factor" before all else in his relationship with his "collaborators." He had been one of the first to initiate the profit-sharing scheme that had given him a most enthusiastic staff for years. The other principle was "leaving initiative to his collaborators."

"In 1923, my team was made of 2 or 3 workers and a secretary but today I have around 600 workers and employees, and two factories covering 16,000 sq. metres of workshops and offices in the suburbs of Paris. A third factory is now being built in a suburb of Lyon for the production of our raw materials. Moreover, there are independent Delalande Laboratories in Torino, Brussels, Cologne, Geneva and even a smaller company in London."

Good Luck, Good Collaborators

In addition he had an export department supplying several other countries either directly or through licences. M. Delalande continued: "Now, I have told you everything and you know all about me. What I must add now, as a secret, is that I have had much luck. I have first-class collaborators whom I like very much, and I believe they, too, feel the same for me. This is another form of luck. Finally, another secret for success: I simply love my work and as St. Augustine said: 'Only what one likes to do is done best'."

At the beginning of his career, he

profited by the Germinal Law which left the entire liberty and full responsibility to the pharmacist-manufacturer, and during that period he managed to establish the product that was to be the prelude of his success.

In France, camphorated oil injections were used extensively against cardiac failure in bronchial diseases, surgery and shock, but they were unpleasant, painful and dirty. He had the idea of solubilising the molecule of camphor in water by sulphonation at the α position using a technique of Frcrejacques. The idea was proved to be good after physiological tests followed by clinical trials. The water-soluble form of camphor retained all its properties. That was the beginning Solucamphre. Its sales developed rapidly and even now, after 40 years, over 2,500,000 units under its various forms are sold in France. There were no laws to slacken the creation of new preparations and by the 1939-45 war M. Delalande said he had a series of specialities for digestive disorders and cardiovascular disorders.

In 1941 a new law was published defining specialities and recognising their legal existence. The visa was established and at that time it was simply meant for registration of existing products.

French Company Law

The law also dealt with the problem of pharmaceutical companies. There was no restriction on the capital of limited companies but a majority of pharmacists must sit on the board of directors. As for limited liability companies, they could only exist "between pharmacists."

It was during the difficult war period that former products had to be registered and the laboratories kept in production. M. Delalande dwelt on some of the difficulties that had to be faced such as shortages of glassware, sugar, alcohol and essential chemical products. "We had tickets for everything but they were very insufficient. They had to be obtained on black market and sold without invoices. We were also short of combustible material, gas, electricity and production was sometimes brought to a compulsory standstill."

To prevent any criticism on the monopoly of a medicament, the law in 1946 created a new class of specialised medicament termed — product-under-maker's-mark. It allowed new and original medicaments normally presented as specialities to be marketed by another maker after mere registration, provided they were presented under their current name, without publicity.

Some "evil natured" producers availed themselves of the opportunity to manufacture imitations of certain products. Publicity was made orally to doctors—a procedure which was practically impossible to control. Some laboratories have "raised their fortune" through this disgraceful method.

Because of criticisms about the procedure delaying the release of certain new products the visa system was reorganised in February 1959. The new regime has two main aims: To protect the health of the public by stopping the release of insufficiently tried medicaments, which could be dangerous to the population. To protect inventors from imitators by the

introduction of a patent for drugs. No doubt they were excellent intentions and principles, but so far their applications have not been so good.

Now a visa is automatically granted on presentation of a technical file concerning: The methods of production and control; the properties of the medicament, after verification by experts selected by the producer from a list published by the Health Ministry.

There are three groups of experts: the analyst; the pharmacodynamist-toxicologist; and the clinician.

The reports from the three experts are filed with the request for a visa. The commission then hands it to a

specialist who checks whether all surveys have been properly made. In order to apply the new law, an extremely complex regulation has been elaborated. The size of the file, a plan and a form for each document are imposed. "It seems that only the colour of the ink has not been emphasised."

The visa also includes a visa for publicity and texts on labels and leaflets must not refer to any other data except those confirmed by clinical reports.

After the visa, it is necessary to obtain a production licence before releasing the product. That involves re-

questing an inspector to verify both production possibilities and the proper application of control methods.

The new law provides a patent for drugs but its rights and limits still remain to be defined by jurisprudence. Apart from the regulations imposed by the Ministry of Public Health, there are other limitations.

The Ministry of Economic Affairs assigns a price restriction, established according to perfectly defined regulations.

It is also essential to obtain the agreement of the Sécurité Sociale, which in addition to checking the therapeutic value of the preparation, compares its price with others or if the product is new its price is studied. "In fact, we often get down to some sort of bargaining," said M. Delalande. His company had managed to obtain visas for new products under the new regime, but it had not always been easy and it took about two years to complete.

"As for the experts, their fees are extremely high. They are slow and apart from that they often forget all about the promised date. Finally ever since this terrible affair of Thalidomide, it often happens that the specialist insists upon teratogenic tests, in addition to other tests, especially if the preparation contains recently developed molecules."

M. Delalande continued "In front of this complex system, I often think that it is high time for me to make room for the younger generation and leave them to deal with these new regulations. To be the only one at the head of a business, one might think that the top is reached. But there is no end in business."

WORLD TRADE

Foreign Investments in Ceylon.—It was announced in Colombo on October 21 that the moratorium on profits, interest and dividends mentioned by Dr. Perera (Ceylon Finance Minister) in his July budget does not apply to foreign investments in "approved" industries, including 800 small ones but only 30 to 40 have foreign capital participation. The repatriation of profits, interest, and dividends from such foreign investments would be allowed, the sources said. Foreign investments in the approved industries (which include pharmaceuticals and cosmetics) amount to a little under £1 million sterling.

Iraqi Soap Production.—According to a statistical review, prepared by the Federation of Iraqi Industries, the Iraqi soap industry meets the total requirements of the domestic market, with sometimes a surplus for export. There are nineteen soap and detergent factories in the country, whose productive capacity in 1962 reached 4,100 tons of shaving soap, 16,500 tons of detergent, 3,900 tons of domestic soap and 3,700 tons of toilet soap. Actual production for 1961 was: 18,400 Kilos of shaving soap, 456,966 Kilos of detergent, 1,335 tons of domestic soap, and 1,005 tons of toilet soap. Sales were: 18,050 Kilos of shaving soap, 456,966 Kilos of detergent, 1,227 tons of domestic soap, and 710 tons of toilet soap.

MEDICINE IN SHAKESPEARE'S DAY

An exhibition in London

"MEDICINE and Health in Shakespeare's England" is the title of an exhibition arranged at the Wellcome Historical Medical Museum, 183 Euston Road, London, N.W.1, to commemorate the Quatercentenary of Shakespeare's birth. Contemporary physicians, their books, drugs and remedies are featured in the display. The exhibits include works by Thomas Linacre, M.D., who is regarded as the founder of the College of Physicians, for which he obtained the Royal Charter in 1518. There is also a portrait of Sir William Butts, M.A., M.D., physician to Henry VIII and friend of Cardinal Wolsey. Among the books displayed is *De Magnete*, published in London in 1600. Its author was William Gilbert, M.A., M.D., Colchester, and the book is considered the foundation-stone of the sciences of electricity and magnetism. Gilbert was physician to Queen Elizabeth I, and left his books and instruments to the Royal College of Physicians where they were destroyed in the Great Fire of London. There is also a portrait of John Caius, M.A., M.D., the outstanding English physician of his time, president of the College of Physicians, 1555-60, and physician to Edward VI, Queen Mary and Elizabeth I. Caius wrote the first monograph in English on any disease, "The Sweating Sickness," a copy of which is also displayed.

In a case concerned with "Popular Medicine" there are a number of sixteenth-century books of remedies, of one of which the title page declares that it is intended for the "poorer sort of people that are not of ability to go to the physicians."

The crystal used by Dr. John Dee, Queen Elizabeth's astrologer, is included in the exhibition with a note that it was acquired from Dee's son Arthur by Nicholas Culpeper, who also made use of it in his practice. It was bought from Culpeper's widow by William



THE MANDRAKE: "And strikis like mandrakes torn out of the earth, that living mortals hearing them run mad" (*Romeo and Juliet*, IV, iii, 47-48).

are the two English bell mortars, dated 1591 and 1607, and a specimen of the mandrake root, in which its resemblance to the human form is particularly noticeable. There are pomanders that were supposed to protect their owners from the plague, and assay cups used to detect poison in wine or other drinks. Ointment pots belonging to the sixteenth century and found in London are also shown. The first edition of the *Pharmacopoeia Londinensis*, 1618, appears alongside copies of the plague orders. A plague torch is also on show. In its top herbs were burnt so that the bearer was accompanied by a "protective fume."

The final section deals with William Harvey (1578-1657), who was born in Folkestone when Shakespeare was fourteen years old. A selection of material is on view illustrating his life and work, including a scale model of the anatomical theatre at Padua where Harvey's interest in physiology was first aroused.

TRADE REPORT

The prices given are those obtained by importers, or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, OCTOBER 28: Following the announcement that a 15 per cent. surcharge was to be levied on most imports from October 27, the markets for ESSENTIAL OILS and some CRUDE DRUGS became entirely disorganized so far as business was concerned.

It came as a shock to find that all essential oils were affected, as were such items as MENTHOL and CAMPHOR. All PHARMACEUTICAL CHEMICALS likewise became chargeable and, although the majority are manufactured in Britain, a number of important exceptions may be expected to rise considerably in price as replacements arrive. Crude drugs of botanical origin, such as CASCARA and SENEGA, as well as BAL-SAMS, are exempted from the provisions. At the time the paper was going to press most merchants had ceased quoting for spot supplies of imported items affected by the surcharge and were naturally reluctant also to quote for export because of the difficulty of replacements. The Government's statement that the charges would be "payable on goods entered with the Customs from midnight October 26" caused some confusion. Would bonded articles be surcharged or not? Considerable difficulty was experienced in making contact with Customs headquarters, but after about twenty-four hours it was ascertained that goods in bond before the time limit expired would not be chargeable.

Among Crude Drugs, firm positions were noted in PERU BALSAM (up 1s. 6d. per lb.); in LOBELIA, in which the spot market was practically bare, with no forward offers from either the Continent or the United States, and in SENEGA (up ninepence per lb.). MERCURY, which is presumably subject to the duty, was at £135 per flask before the imposition. Any spot prices quoted below in essential oils must be regarded for the time being as nominal. It may take a further week or more before the price situation settles down.

Pharmaceutical Chemicals

ADRENALINE.—(Per gm.). Synthetic B.P., 1-kilo lots, 11d.; 500 gm., 1s. 1d. ACID TARTRATE, B.P., 1 kilo, 7½d.; 500 gm., 9d.

ALOIN.—Micro-crystalline, 14-lb. lots, 34s. per lb.

ANEURINE HYDROCHLORIDE.—(Per kilo.) One kilo lots, 126s.; 10-kilos, 123s. 6d. The MONONITRATE is 129s. 6d. and 127s. for same quantities.

ANTIMONY SALTS.—CHLORIDE, SOL., B.P.C., 1934, carboys, 5s. 7d. per kilo; FLAKE, 14s. 4d. kilo.

ASCORBIC ACID.—One-kilo, 41s.; 10-kilos, 37s. 6d. per kilo; 25-kilos, 36s.

BACITRACIN.—Sterile topical is 53s. per mega unit for 25 m.u.

BARIUM SULPHATE.—B.P., 50-kilo lots, 3s. 9½d. per kilo.

BROMIDES.—Crystals (per lb.):—

	1 cwt.	5 cwt.
	s. d.	s. d.
POTASSIUM	2 6	2 5
SODIUM	2 6	2 5
AMMONIUM	2 10	2 8½

Powder is three-halfpence per lb. more, packages free, carriage paid terms.

CALAMINE.—Five-cwt. lots, 1s. 11d. per lb.; 1-ton, 1s. 9½d.

CALCIFEROL.—One-kilo lots are from 2s. 7½d. per gm. in standard packages.

CALCIUM CARBONATE.—B.P. light precipitated powder, 1-ton lots, £37 10s. per ton in free bags, ex works.

CALCIUM CHLORIDE.—B.P.C. fused, 2s. 10d. per kilo for 100-kilo lots.

CALCIUM GLUCONATE.—10s. 6d. to 12s. per lb., as to quantity.

CALCIUM PANTOTHENATE.—97s. 6d. per kilo.

CALCIUM PHOSPHATE.—B.P.C. is 1s. 5d. per lb. for 1-cwt. lots and 1s. 4d. for 5-cwt.

CARMINE.—One-cwt. lots are now 184s. per lb.

CHLOROCRESOL.—Pharmaceutical quality, 7s. 7d. per lb. (1-cwt. lots).

CORTISONE.—One-kilo lots, ACETATE 4s. 6d.; HYDROCORTISONIC ACETATE OR ALCOHOL, 4s. 9d. per gm.

CREOSOTE.—B.P.C., 1959, ex beechwood, 100 kilos, 15s. per kilo; 500 kilos, 14s. 6d.

CRESOL.—B.P. quality, 7s. 9d. per gall. in 5-gall. lots.

CYANOCOBALAMIN.—Under 25-gm. lots, 80s. per gm.; under 100-gm., 77s. 6d. per gm., 100 gm., 75s. per gm.

ERGOMETRINE.—MALEATE, B.P., 144s. per gm. for 20-gm. lots; TARTRATE, 27s. 6d. per gm. for 10-gm. lots.

ERGOTOXINE.—ETHANESULPHONATE, 10-gm. lots, B.P. '32. 60s. per gm. B.P.C. '49. 72s. 6d.

FOLIC ACID.—B.P. and U.S.P., 1-kilo lots, £20 10s. per kilo.

HYDROGEN PEROXIDE.—For 27.5 per cent. by weight, £115 per ton; 35 per cent., £138.

HYDROXYCOBALAMIN.—100 gm. and over. 150s. per gm.

INOSITOL.—One-kilo, 75s.; 10 kilos, 66s. per kilo.

ISOPRENALE SULPHATE.—One-kilo lots, 530s. per kilo; 5-kilos, 510s. per kilo.

LEAD ACETATE.—B.P. crystals, 4s. 5d. per kilo.

MENAPHTHONE.—(50-kilo lots). B.P. 122s. 6d. per kilo; ACETOMENAPHTHONE, B.P., 122s. 6d.; WATER-SOLUBLE (menadiione sodium bisulphite), 80s. 6d.

NEOMYCIN.—SULPHATE, B.P., 740s. per kilo; 5-kilos, 700s. per kilo.

NICOTINAMIDE.—(Per kilo). One-kilo, 38s.; 10 kilos, 36s.; 50 kilos, 34s. 6d.

NICOTINIC ACID.—One-kilo, 27s.; 50-kilos, 23s. per kilo.

NIKETHAMIDE.—50-kilo lots are 47s. 6d. per kilo.

OESTRADIOL.—MONOBENZOATE, 14s. 6d. per gm.

PENICILLIN.—SODIUM, POTASSIUM, or PROCAINE, 6d. per mega unit.

PIPERAZINE.—Less than 50 kilos are: ADIPATE, 10s. 3d. per kilo; CITRATE, 18s. 6d.; HEXAHYDRATE, 13s. 3d.; PHOSPHATE, 20s. 6d.; TARTRATE, 19s. 6d.

PROGESTERONE.—Price is 1s. 3d. per gm. for 1-kilo lots.

PYRIDOXINE.—One-kilo, £31 10s. per kilo; 10 kilos, £31 5s.

RESORCINOL.—One-cwt. lots, 12s. 4d. lb.

RIBOFLAVINE.—One kilo, 217s. 6d. and 10-kilos, 212s. 6d. per kilo.

SAL PRUNELLA.—Balls, 3s. 9d. per lb. in 1-cwt. lots.

SANTONIN.—5-cwt. lots, 320s. per kilo.

STREPTOMYCIN.—BASE or SULPHATE, 9d. per gm. Same price for DIHYDRO.

STRYCHNINE.—100-oz. lots; ALKAOID, 12s. per oz.; SULPHATE and HYDROCHLORIDE, 10s. 6d.

THYMOL.—One-cwt. lots are 11s. 3d. per lb.

d-TUBOCURARINE CHLORIDE.—100-gm. lots, 60s. per gm.

VITAMIN A.—Synthetic. Supplied in concentrate 1 million international units per gm. as acetate at £17 14s. 2d. per kilo and oil-soluble palmitate at £15 12s. 6d. for one-kilo lots.

VITAMIN D.—D₂ powder for tabletting 85,000 i.u. per gm., 125s. per kilo; in oil, 1 million i.u. per gm., 67s. 6d. per kilo for 100,000 m.i.u. Crystalline: see under calciferol. D₃ in oil (1 mega per gm.), threepence per mega for less than 1,000 megas. Crystalline, 12s. per gm. in 100-gm. ampoule.

VITAMIN E.—Natural d alpha tocopheryl acid succinate, hydrogen salt, 1,210 i.u.; 25 gm. lots, 9d. per gm.; 100 gm., 8d.; 1 kilo, £25. Synthetic dl, 1,000 units per gm. The prices are 8d., 5d. and £18 for the same quantities.

Industrial Chemicals, Solvents

ACETALDEHYDE.—The 100 per cent. is £122 per ton minimum 1-ton lots.

ACETATES.—Per ton, spot in drums: AMYL, technical, £254 and B.S.S., £256. BUTYL, £136; ETHYL, £113; ISOBUTYL (80 per cent.), £111 and pure, £115; ISOPROPYL, £110; METHYL, 80 per cent., £142.

ACETIC ANHYDRIDE.—12-ton lots £103 per ton; 2½-ton, £107, tanker deliveries.

ACETONE.—One-ton lots spot, £66 per ton in drums.

N-BUTYL ALCOHOL.—One-ton lots in drums, £127 per ton and one-drum lots, £136 per ton.

CARBON TETRACHLORIDE.—In 40-gall. drums, 1 ton and under 2 tons, £83 15s.; 4 tons and upwards, £82 5s.

ISOPROPYL ALCOHOL.—Technical grade (99 per cent.) in tank car lots from 4s. 6d. to 4s. 8d. per gall.; anhydrous in drums, 7s. 1d. to 7s. 4½d. per gall.; in bulk, 6s. 11d. to 7s. 1d.

METHYL ETHYL KETONE.—One-ton lots, £111 10s. per ton.

NAPHTHALENE.—Contract rates for phthalic grade are from £25 per ton in bulk, ex works; lower crystallising whizzed grades from £20 to £25 per ton ex works: ball and flake, £71.

PHTHALATES.—Prices (per ton) one-ton lots in drums: DIBUTYL, £165; DI-ISOBUTYL, £160; DI-ETHYL, £174; DI-METHYL, £163.

PHTHALIC ANHYDRIDE.—Domestic material quoted at £90 per ton.

SODA ASH.—Four-ton lots, 232s. 6d. per ton delivered.

STEARATES.—Spot prices for minimum 1-ton lots. — ALUMINIUM (all grades), 253s. 6d. per cwt, CALCIUM (precipitated), 243s. 6d. LEAD (30 per cent.), 223s. 6d.; MAGNESIUM (standard), 272s. and (superfine), 302s. ZINC, 226s. to 286s. as to grade.

SULPHUR.—(Per ton). SUBLIMED FLOWERS, B.P., £55; TECHNICAL, £50; GROUND, £18 to £20; PRECIPITATED, B.P., £105; ROLL, £27 10s. All ex store.

DON'T MISS THE BIG *atrixo* AUTUMN BONUS

must end mid November!

- ★ 12 for the price of 10
(on all Atrixo orders for 6 cases or more)
- ★ No purchase tax on bonus goods
- ★ Giving you **66% PROFIT** on cost

BIG National Press and Television advertising just breaking.

Remember, Atrixo is now Britain's fastest selling hand preparation.

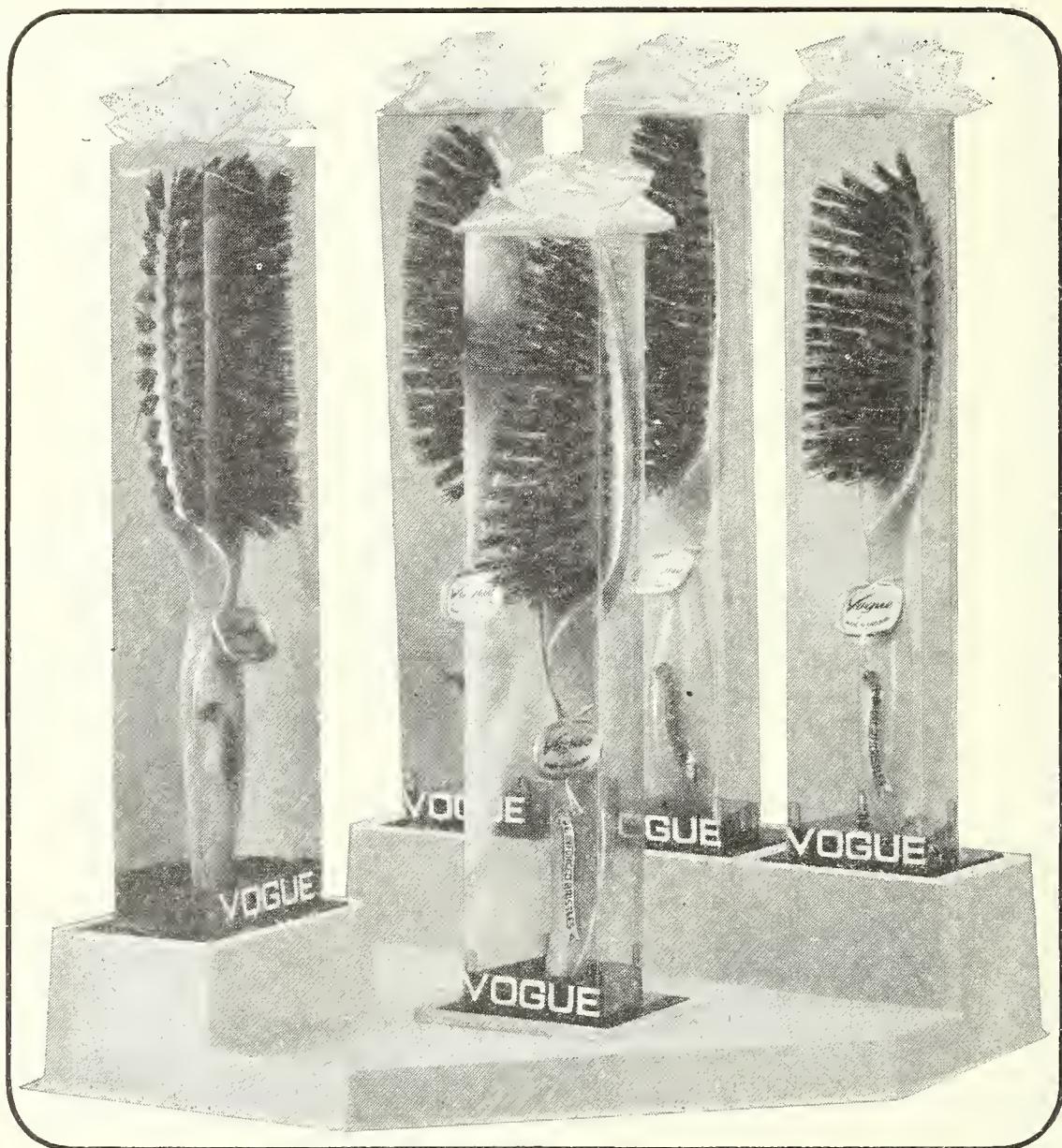
Order now from your Southalls (Sales) Representative or send your order direct to:

SOUTHALLS (SALES) LTD., ROCKVILLE ROAD,
SALTLEY, BIRMINGHAM 8.

an **S&N** product



A new approach to hairbrush styling



To create today's deceptively simple hair-styles, a simultaneous brushing and combing action is essential. VOGUE achieve this by using a combination of natural bristles and synthetic fibres.

The elegant new VOGUE range was created in Paris, and is now made here for the first time.

Available in 5 different shapes — Bagatelle, Silhouette, Jolie Madame, Grand Prix and Touche Finale — each VOGUE brush is packed individually in an acetate carton with a moulded base and gay ribbon topping. Each brush marked with retail price.

Free Offer

Display Stand as illustrated above.
This attractive display stand will hold all five
VOGUE brushes, and is supplied free of charge
with a minimum order of 3 dozen.

Nationally Advertised

Over 11,000,000 readers of "Woman" will
see advertisements for VOGUE brushes
during November and December 1964.



VOGUE
Laughton & Sons Ltd · Warstock Road · Birmingham 14

Crude Drugs

ACONITE. — Spot, Spanish *napellus*, 2s. 6d. per lb.; shipment, 2s. 4d., c.i.f.

AGAR. — Kōbē No. 1, 13s. per lb. in bond; October–November shipment, 12s. 6d., c.i.f. Spanish, 15s., duty paid, to arrive.

ALOES. — Primes, 265s. per cwt. spot. Shipment, 260s., c.i.f. nominal. Curaçao, spot, 265s.; 255s., c.i.f.

ANISE. — Chinese STAR, 140s. per cwt. spot, duty paid; f.a.q. for shipment, 118s., c.i.f.

ARROWROOT. — St. Vincent from 1s. 3d. to 1s. 6d., as to grade.

BALSAMS. — Per lb.: CANADA: Spot 19s. to 23s. 6d. COPAIBA: B.P.C. grade, 9s. to 10s. PERU: Spot short at 11s. 6d. TOLU: B.P., from 10s. 6d. to 27s. 6d.

BAY. — LEAVES, 1s. 9d. per lb., spot.

BELLADONNA. — HERB, 3s. per lb., spot. LEAVES, 3s. 3d., c.i.f. ROOT, 1s. 8d. per lb., spot; shipment, 1s. 7d., c.i.f.

BENZOIN. — Sumatra block spot from £19 to £40 per cwt. as to quality.

CARDAMOMS. — Aleppy greens, 10s. 6d. per lb. spot; shipment about 10s. 4½d., c.i.f.

CASCARA. — Spot, 230s. per cwt.; shipment, 218s., c.i.f.

CASSIA. — *Fistula*, 105s. per cwt. landed; *ligneae* (whole), for prompt shipment, 185s., c.i.f.; selected broken, 175s., c.i.f.

CHAMOMILE. — Belgian new crop quoted at 19s. per lb.

CHERRY BARK. — Thin natural, 2s. 4d. per lb.; shipment, 2s., c.i.f., nominal.

CHILLIES. — Zanzibar, spot cleared; shipment, new-crop 215s. per cwt., c.i.f. Mombasa spot, 160s.; shipment, 132s. 6d., c.i.f.

CINNAMON. — QUILLS, Ceylon (per lb., c.i.f.); 4 O's, 9s. 2d.; single O, 7s. 4d.; quillings, 5s. 9d. BARK, Seychelles, 90s. cwt. spot.

COCHINEAL. — Canary Isles silver-grey 22s. 6d. per lb., black brilliant, 28s.. spot. Peruvian silver-grey, 16s. per lb., spot.

ELEMI. — Spot, 1s. 9d. per lb.; shipment; new crop. October–November, 1s. 6d., c.i.f.

ERGOT. — Portuguese, 11s. per lb. spot; shipment, 10s. 6d., c.i.f. East European, 8s. 6d. and 8s., c.i.f.

GUM ACACIA. — Kordofan cleaned sorts, 165s. per cwt. spot; October–November shipment, 150s., c.i.f.

HENNA. — Indian, for December–January shipment, 66s., c.i.f.

HONEY. — (Per cwt.). Australian light amber, 135s. to 140s. and medium amber, 110s. to 115s. (near at hand); Argentine, 122s. 6d. to 127s. 6d.; Canadian, 175s.; Mexican, 125s. to 130s., all ex warehouse.

KARAYA. — No. 1 f.a.q. gum, spot, 400s.; No. 2, 335s. per cwt.

KOLA NUTS. — African, 6d. spot and 5d. per lb., c.i.f.

LANOLIN. — ANHYDROUS B.P. is from 1s. 10d. to 2s. 1d. per lb. in 1-ton lots delivered free drums.

LIQUORICE. — Natural root: Russian, 67s. 6d. per cwt.; Anatolian, 57s. 6d.; Anatolian decorticated, 170s. Block juice: Anatolian, 210s. to 220s. per cwt.; Italian stick from 395s. to 460s. per cwt.

LOBELIA. — Dutch very scarce on the spot at 6s. 6d. per lb. nominal. Shipment not offering.

MENTHOL. — Chinese for shipment, 21s., c.i.f.; Brazilian for shipment, 17s., c.i.f.

MERCURY. — Spot, nominally £135 per flask of 76 lb. ex warehouse.

NUTMEGS. — West Indian, spot, 80s., 9s. 6d., nominal; unassorted, 7s. 9d. per lb.; defective, 5s. 3d.

ORANGE PEEL. — Spot: Sweet ribbon, 1s. 8d. per lb., bitter quarters: West Indian, 10½d.; Spanish, 1s. 9d.

PEPPER. — White Sarawak spot is 2s. 9½d. to 2s. 11d. per lb.; shipment, 2s. 9½d., c.i.f. Black Sarawak spot, 2s. 6d., shipment, 2s. 4½d., c.i.f. Black Malabar is unobtainable on the spot; shipment quoted at 320s. per cwt., c.i.f.

PIMENTO. — Spot quoted at 690s. per cwt., shipment, 600s., f.o.b.

PODOPHYLLUM. — Spot per cwt.: *Emodi*, 220s. (210s., c.i.f.); *Peltatum*, 190s.

QUILLAIA. — For shipment, 100s. per cwt., c.i.f.

RHUBARB. — Good manufacturing offered at 8s. 6d. per lb.; No. 1, 15s. 6d.

SAFFRON. — Mancha superior firm at 285s. per lb., spot.

SARSAPARILLA. — Jamaican native red spot, 3s. per lb.; shipment, 2s. 9d., c.i.f. nominal.

SASSAFRAS. — Brazilian is from 2s. 4d. per lb.

SEEDS. — (Per cwt.). **ANISE.** — Spanish, 280s., duty paid. **CARAWAY.** — Dutch, 132s. 6d., duty free. **CELERY.** — Indian offered at 160s., spot; shipment easier at 160s., c.i.f. **CORIANDER.** — Moroccan, 60s., duty paid; shipment, 46s., c.i.f. **CUMIN.** — Firm, Moroccan on spot, 285s., duty paid; shipment quoted at 230s., c.i.f., but shippers for the last few days have not been able to make offers. Cyprian quoted at 270s., c.i.f. **DILL.** — Indian unchanged at 90s., spot; shipment, 75s., c.i.f. **FENNEL.** — Chinese quoted at 155s., duty paid; Indian nominally 165s.; shipment, Chinese new crop for November–December shipment, 107s. 6d., c.i.f.; Indian firm at 170s., c.i.f. **FENUGREEK.** — Moroccan, 48s., duty paid; shipment dearer at 35s., c.i.f. **MUSTARD.** — English, 45s. to 65s. according to quality.

SENEGA. — Spot, 19s. per lb. spot; shipment, 18s. 3d., c.i.f.

SENNA. — (Per lb.). Tinnevelly LEAVES spot: Prime No. 1, 2s.; prime No. 2, 1s. 8d.; No. 3, f.a.q., 1s. 2d. Shipment: No. 3, 1s. 1d., c.i.f. PODS: Tinnevelly, hand-picked, 2s. 1½d., spot; manufacturing 1s. 4½d.; shipment, 1s. 1½d., c.i.f. Alexandria PODS: hand-picked in limited supplies at 10s.; manufacturing, small lots at from 3s. 3d. to 3s. 6d.

SHELLAC. — F.O.T.N. pure, 225s. per cwt., No. 1, 250s.; F.O. from 265s. to 325s.

SLIPPERY ELM BARK. — Spot offered at 3s. 4d. per lb.

SQUILL. — Italian spot, 180s. per cwt.; shipment, 170s., c.i.f. Indian, 75s. per cwt., spot.

STRAMONIUM. — Continental LEAVES 85s. per cwt. spot.

STYRAX. — Spot, 15s. 6d. per lb.; shipment, 14s. 6d., c.i.f.

TONQUIN BEANS. — Para spot, 4s. 6d. per lb.; shipment, 4s., c.i.f.; Trinidad, 5s. 6d., spot.

TRAGACANTH. — No. 1 ribbon, £225 per cwt. No. 2, £215.

TURMERIC. — Madras finger offered at 150s. per cwt., spot; shipment reported firmer at 155s., c.i.f.

VALERIAN ROOT. — Spot: Indian, 175s. per ewt.

VANILLIN. — Rates (per lb.) are now:— 5-cwt. lots, 21s. 6d.; 1-cwt., 21s. 9d.; 56-lb. 22s.; small quantities, 22s. 6d.

WAXES. — (Per cwt.): Pees' — Dore-Sa'am, 450s.; shipment, 427s. 6d., c.i.f. Sudanese, spot, 400s., in bond; shipment, 390s., c.i.f. **CANDELILLA.** — spot, 465s.; forward, 460s. landed. **CARNAUBA.** fatty grey spot, 370s.; shipment, 352s. 6d., c.i.f.; prime yellow, spot, 740s.; shipment, 680s., c.i.f.

WITCH HAZEL LEAVES. — Spot quotations are 2s. 2d. per lb.; new crop for shipment, 2s. 1d., c.i.f.

Essential and Expressed Oils

ANISE. — Chinese for shipment, 9s. 9d., c.i.f.

BAY. — West Indian about 25s. per lb. on the spot.

BERGAMOT. — Spot quotations for 38 per cent. oil are about 99s. per lb.

BOIS DE ROSE. — Brazilian for shipment, 16s., c.i.f.

CAJUPUT. — Spot, from 9s. per lb.

CALAMUS. — Spot, Indian, from 60s. per lb.

CAMPHOR, WHITE. — Chinese for shipment, 4s. 6d., c.i.f., per kilo.

CANANGA. — Spot from 30s. per lb.

CASTOR. — Home produced B.P. oil, spot, £147 per ton naked ex mill (2-ton lots).

CEDARWOOD. — American from 7s. 6d. per lb. on the spot.

CELERY SEED. — Quotations are from 116s. per lb.

CITRONELLA. — Ceylon for shipment, 7s. 3d. per lb., c.i.f. Formosan, nominal. Chinese, 5s. 10d., c.i.f.

CLOVE. — Madagascar leaf for shipment, 6s., c.i.f. Rectified, 10s. Distilled bud-oil, English B.P., 26s. per lb. for 1-cwt. lots.

EUCALYPTUS. — B.P. 70–75 per cent., 6s. 3d. per lb.; 80–85 per cent., 7s. 3d.

GERANIUM. — Bourbon, 87s. 6d. to 92s. 6d., spot.

JUNIPER. — B.P.C. is nominally 30s. per lb. **JUNIPER WOOD.** from 5s.

LAVENDER SPIKE. — Spanish, 30s. to 35s. per lb.

LEMON. — Sicilian from 17s. to 27s.

LEMONGRASS. — Spot, 8s. 10½d. per lb.; shipment, 8s. 4½d., c.i.f.

PENNYROYAL. — Spot, 15s. per lb. duty paid.

PEPPERMINT. — *Arvensis*: Chinese for shipment, 7s. 3d., c.i.f. Brazilian for shipment, 6s. 3d., c.i.f. *Piperita*: Italian 48s. to 60s., spot; American from 27s. 6d. per lb. as to make.

PETITGRAIN. — Paraguay for shipment, 14s. 3d., c.i.f.

PIMENTO. — English-distilled berry from 200s. per lb. and imported, 32s. 6d. Rectified leaf, 22s. per lb.

PINE. — *Pumiliois*, 30s. per lb., *sylvestris*, 9s.; *abietis*, 15s.

ROSEMARY. — Spanish, 13s. 6d. per lb. duty paid.

RUE. — Spanish is 22s. 6d. per lb., spot.

SAGE. — Spanish, 20s. per lb., duty paid.

SANDALWOOD. — Mysore, 106s. 6d. per lb., spot. East Indian for shipment, 106s., c.i.f.

SPEARMINT. — American oil on the spot, 26s. per lb.

TANGERINE. — Sicilian best quality about 45s. per lb.

YLANG YLANG. — Best oil quoted about 135s. per lb.

UNITED STATES REPORT

NEW YORK, OCTOBER 27: Price rises in MERCURY and some MERCURIALS featured the chemicals market in the week. MERCURY OXIDES moved higher to make the red \$6.53 a lb. (up \$1.29), and the yellow \$6.33 (up \$1.22). CALOMEL at \$6.36 per lb. was up \$1.27. Lower per lb. was Brazilian MENTHOL at \$3. down 10 cents. Spanish SAFFRON at \$42 was up \$2; Asiatic STYRAX at \$3 per lb. was up 50 cents; JUNIPER BERRIES at 65 cents (up 10 cents) and RHATANY at 25 cents (five cents). ALMOND OIL at \$1.25 advanced 40 cents per lb. and LAVENDER SPIKE at \$5.25, was up \$1. Lower per lb. was Dalmatian SAGE OIL at \$3.75.

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," October 7

For preparations for the hair (3)

Device with words PIERRE ROBERT SILK HAIR, B866,115, by Monsieur Robert, A.B., Malmö C, Sweden.

For pharmaceutical preparations and substances for human use and for veterinary use (5)

SYNCHRONAL, B860,283, SYNCHRONYL, B860,918, by Syntex Corporation, Panama.

For preparations for use as, or for making, animal dips (5)

COOPADIP, 861,647, by Cooper McDougall & Robertson, Ltd., Berkhamsted, Herts.

For veterinary preparations and substances (5)

FRANOCID, 862,356, by Wellcome Foundation, Ltd., London, N.W.1.

For pharmaceutical preparations and substances for the treatment of vaginal diseases (5)

UNIVAGIN, FLUVAGIN, 862,729-30, by Uniechemie, A.G., Zurich, Switzerland.

For medicated preparations for the treatment of the scalp and the skin, medicated bath preparations, chemical products for hygiene, deodorants, liquid eye-wash and medicated washes for human use (5)

COMPLEXA, B863,661, by Romney Cosmetics, Ltd., London, S.W.1.

For pharmaceutical and veterinary preparations (5)

RESCETTES, 863,607, by Reckitt & Colman (Overseas), Ltd., Hull, Yorks.

GUARDVAC, 864,417, by Pfizer, Ltd., Sandwich, Kent.

For pharmaceutical preparations and substances (5)

GINGALVEX, 864,040, by Norgine Pharmaceutical Products (London), Ltd., London, W.C.1. PARALBY, ASMALBY, 866,072-73, by Bailly, Ltd., Wembley, Middlesex.

For all goods (5)

VIGOTRIL, 863,729, by Unilever, Ltd., Port Sunlight, Cheshire.

For pharmaceutical preparations for the treatment of rheumatic ailments (5)

RUMASEAL M.P., 865,587, by Marshall's Pharmaceuticals, Ltd., London, W.C.2.

For veterinary chemical additives containing canthaxanthin, for animal feeding stuffs (5) and for animal foodstuffs containing canthaxanthin (31)

ROXANTHIN, 859,263-64, by Roche Products, Ltd., Welwyn Garden City, Herts.

For medical inhalation apparatus and parts and fittings (10)

CHEMETRON, 861,117, by Chemetron Corporation, Chicago, Illinois, U.S.A.

For toilet papers and toilet tissues, none being medicated (16)

FRESCETTES, 863,607, by Reckitt & Colman (Overseas), Ltd., Hull, Yorks.

From the "Trade Marks Journal," October 14

For all goods for use in photography (1)

FLOMATIC, 863,019, by Kodak, Ltd., London, W.C.2.

For chemical products for inhibiting the formation of fungi or bacteria (1)

OMADINE, 861,888, by Olin Mathieson Chemical Corporation, New York, U.S.A.

For all goods (1)

AQUAMASK, 866,799, by May & Baker, Ltd., Dagenham, Essex.

For preparations for the hair (3)

TEMPTRESS, 824,775, by Beauty Counselors of London, Ltd., Newhaven, Sussex.

For detergents (not for use in industrial or manufacturing processes); and cleaning preparations (3)

UNIDET, 858,766, by Petrofina (Gt. Britain), Ltd., London, S.E.1.

For all goods (3)

Device with word SPORTSMAN, B860,894, by Richard Hudnut, Morris Plains, New York, U.S.A.

For cosmetic preparations for the eyes (3)

LASH-ON, 860,574, by Miners Make Up, Ltd., Surbiton, Surrey.

For toilet preparations for the hair (3)

NESTLE LITE, 862,250, by LeMure, Ltd., London, E.C.1.

For toilet preparations for the hair, for sale in the United Kingdom and for export to the Irish Republic (3)

RIMMEL GREY-AWAY, 862,871, by Rimmel, Ltd., London, W.1.

For all goods (3)

MUNICUM, 864,633, by Norsk Aktieselskap Barnengens Tekniske Fabrik, Lysaker, Norway.

For non-medicated toilet preparations for men (3)

ZIG ZAG, 866,404, by Coty (England), Ltd., London, W.1.

For detergents (not for use in industrial or manufacturing processes); soaps; and cleaning, polishing, scouring and abrasive preparations (3)

DOLPHENO XX, 866,273, by J. Evershed & Son, Ltd., Shoreham-by-Sea, Sussex.

For soaps, perfumes, non-medicated toilet preparations and cosmetics (3)

TAMIKO, 866,832, by Ronald Kirkbride, London, S.W.7.

For all goods (3)

QUE SERA, 867,269, by D. P. Taylor (Walsall), Ltd., Walsall, Staffs.

For perfumes, non-medicated toilet preparations, cosmetic preparations, dentifrices, depilatory preparations, toilet articles (not included in other Classes), sachets for use in waving the hair, shampoos, soaps and essential oils, (3)

JEAN NATE, 867,363, by Charles of the Ritz Distributors, Ltd., Burgess Hill, Sussex.

For all goods (3)

LORIGO 867,581, by Benedict Friars, Ltd., Merthyr Tydfil.

For perfumes, non-medicated toilet preparations, cosmetic preparations, dentifrices, depilatory preparations, toilet articles (not included in other Classes), sachets for use in waving the hair, shampoos, soaps and essential oils (3)

FOLLOW ME, 868,262, by Benedict Friars, Ltd., Merthyr Tydfil.

For all goods (5)

Device with Mandarin characters, B839,943, by Schering Corporation, City of Bloomfield, New Jersey, U.S.A.

For mineral salts for cattle (5)

MAGMIN, 849,631, by William Morgan Davies, Hereford, Herts.

For alkaline effervescent medicinal preparations (5)

KAPPA-SELTZER, 854,202, by Istituto Sieroterapico e Vaccinogeno Toscano Scavo Società per Azioni, Siena, Italy.

For pharmaceutical preparations and substances for veterinary use (5)

BIGESTION, 856,392, by Organon Laboratories, Ltd., Morden, Surrey.

For all goods (5)

CELESTAGESIC, 857,252, by Schering Corporation, City of Bloomfield, New Jersey, U.S.A.

For medicated preparations for the scalp and skin, medicated bath preparations, liquid eye-washes, medicated lotions, medicated washes for human use, medicated paper, medicated pads for the eyes, breath freshening preparations and medicated oils (5)

ROMNAY, B857,543, by Romney Cosmetics, Ltd., London, S.W.1.

For all goods (5)

ZOLONE, 861,776, by Société des Usines Chimiques Rhône-Poulenc, Paris.

Prescribers' Press

What doctors are reading about developments in drugs and treatments

TWO evaluations of a paper strip method (Dextrostix) for estimating blood sugar levels are reported from the Royal Northern and Guy's Hospitals, London. In both, the results obtained with the strips were compared with those disclosed by an autoanalyser. Royal Northern Hospital workers found the results to approximate well to laboratory findings, though small changes in blood sugar could not be detected. At Guy's Hospital, results were found to be reproducible between observers and to be little affected by lighting conditions. The method tended to overestimate lower glucose concentrations and to underestimate the higher ones but all workers agree that the method is worthy of trial as a screening test. (*Lancet*, October 24, pp. 883, 884.)

A PRELIMINARY communication from St. Thomas's Hospital, London, reports the finding that intravenous pronethalol reduces Parkinsonian tremor due, suggests the author, to blockage of the β -adrenergic receptors or to the drug's mild sedative effect. However, in view of long-term toxic effects in animals, it is unsuitable for long-continued use in an essentially benign condition. (*Lancet*, October 24, p. 892.)

No confirmation for the reported value of dimercaprol in multiple sclerosis has been found by workers in the Medical Research Council's research group in demyelinating diseases, University of Newcastle upon Tyne. In correspondence, they report their own findings in four patients with the disease and in experimental animals. (*Lancet*, October 24, p. 909.)

TREATMENT of aspirin poisoning by alkaline diuresis, using intravenous infusions of 0.9 per cent. sodium chloride, 5 per cent. glucose and 2 per cent. sodium bicarbonate, is reported on by workers at Birmingham General Hospital. Blood pH was increased (in five patients) to a mean value of 7.51, no untoward effects were noted and serum salicylate fell to one-half of its original value in a mean time of 7.5 hours. (*B.M.J.*, October 24, p. 1033.)

A CONTROLLED study of an inhalant aerosol containing isoetharine (Bronchilator) is reported from St. David's Hospital, Cardiff. When compared with an isoprenaline aerosol it was found to induce a greater improvement in lung-function for at least two hours after administration, while differences between the effects of both drugs and a placebo were "highly significant." An increase in pulse rate following isoprenaline was not demonstrated after Bronchilator and the reductions in blood pressure that occurred after both drugs was the greater with isoprenaline for at least ninety minutes. (*B.M.J.*, October 24, p. 1037.)

THE rectal absorption of prednisolone-21-phosphate, from enemas providing a regimen of 40 mgm. of the drug daily, has been found by workers at Wolverhampton to be less than the equivalent of an oral dose of 7 mgm. of prednisolone. That state the authors, should not cause adrenal cortical or pituitary suppression, nor could it account for the therapeutic efficiency of the intrarectal method of treatment. (*B.M.J.*, October 24, p. 1045.)

PRINT AND PUBLICITY**PRESS ADVERTISING**

ANESTAN, LTD., 6 Albemarle Street, London, W.1: Okasa tonic. In *Daily Express*, *Daily Telegraph*, *Punch* and *The Field*.

BENGUE & CO., LTD., Mount Pleasant, Alperton, Wembley, Middlesex: Veltis skin cream. In *Woman's Own* and the national Press.

DIXOR, LTD., St. Leonard's Road, Mortlake, London, S.W.14: Velvety powder cream. In women's magazines.

DREAMLAND ELECTRICAL APPLIANCES, LTD., 30 High Street, Southampton: Dreamland electric blankets. In national Press.

EKO HEATING & ELECTRICAL, LTD., 41-47 Old Street, London, E.C.1: Ekco electric blankets. In *Radio Times*, *Sunday Mirror* and *News of the World*.

ENGLISH GRAINS CO., LTD., Granary House, Burton-on-Trent: Yestamin. In *Woman*, *Sunday Mirror* and *Woman's Own*.

G. T. FULFORO CO. (U.K.), LTD., Cornwall Road, Hatch End, Middlesex: Prodan dandruff treatment. In *Daily Mirror*, *Daily Express* and *Daily Mail*.

GIBBS PEPSONT, LTD., Hesketh House, Portman Square, London, W.1: Sunsilk hair spray. In *Honey*, *Vanity Fair*, *Photoplay*, *True Story*, *True Romance*, *Woman's Story* and *Woman's Own* hair booklet.

GLOEN, LTD., Berkeley Square House, Berkeley Square, London, W.1: Einett Satin hair spray. In women's magazines. Colour Match. In *Woman*, *Woman's Own*, *Daily Express*, *Daily Mail*, *Daily Telegraph* and other women's magazines.

HANIMEX, 42 Lower Marsh, London, S.E.1: Hanomat Auto 500 slide projector. In *Sunday Express*, *Daily Express*, *Sunday Times*, *Amateur Photographer* and the photographic Press.

H. J. HEINZ & CO., LTD., Harlesden, London, N.W.10: Heinz baby foods. In leading women's magazines and medical and nursing journals.

KELOON, LTD., Wadsworth Road, Perivale, Middlesex: Blue Eye Dew eye drops. In *Daily Mirror*, *Boy Friend*, *Fabulous*, *Marilyn*, *Mirabelle*, *Romeo*, *Rave*, *True Story*, *Valentine* and *True Romance*.

KIMBERLY-CLARK, LTD., Larkfield, Maidstone, Kent: Delsey premium offer. In *Woman*, *Woman's Own*, *Woman's Realm*, *Woman's Mirror* and *Woman and Home*.

LAUGHTON & SONS, LTD., Warstock Road, Birmingham, 14: Vogue hair brushes. In *Woman*.

MENTHOLATUM CO., LTD., Slough, Bucks: Mentholutum Deep Heat and balm. In leading daily and Sunday newspapers.

MORPHY-RICHARDS (CRAY), LTD., 80 Pall Mall, London, S.W.1: Morphy-Richards electrical appliances. In *Reader's Digest*, *Radio Times*, mass-circulation newspapers and women's magazines during October and December.

SCHICK, INC (U.K.), LTD., New Pound, Wisborough Green, Billingshurst, Sussex: Schick electric razors. In national daily newspapers. From mid-autumn until Christmas selling season.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Monday, November 2

COLCHESTER BRANCH, PHARMACEUTICAL SOCIETY, Public library lecture room, Colchester, at 7.45 p.m. Dr. D. A. G. Galton (senior lecturer, Chester Beatty Research Institute), on "Antimitic Drugs."

NORTHAMPTON BRANCH, PHARMACEUTICAL SOCIETY, Coronation room, Wedgwood café, Abington Street, Northampton, at 7.45 p.m. Mr. C. Gunn (head, school of pharmacy, College of Advanced Technology, Leicester) on "Pharmaceutical Education Today."

STOCKPORT BRANCH, PHARMACEUTICAL SOCIETY, Belgrave hotel, Dialstone Lane, Stockport, at 8 p.m. Mr. N. W. Bradbury on "The Treatment of Depression," and film.

UNIVERSITY OF LONDON, botany theatre, University College, Gower Street, London, W.C.1, at 5 p.m. Dr. K. L. Manchester on "Some Aspects of the Action of Insulin."

WALLASEY PHARMACISTS' ASSOCIATION and WALLASEY BRANCH, PHARMACEUTICAL SOCIETY, Pensby hotel, Birkenhead, at 8 p.m. Major F. J. Harvey (chief constable, Birkenhead) on "A Chief Constable's Day."

Tuesday, November 3

GLASGOW PHARMACY CLUB, Peacock's tea rooms, Sauchiehall Street, Glasgow, at 7.30 p.m. Whist drive.

HALIFAX BRANCH, PHARMACEUTICAL SOCIETY, Royal Oak hotel, Halifax, at 7.45 p.m. Mr. Cattley (Bayer Products company) on "Professional Specialities for the Retail Pharmacist."

NEWCASTLE AND NORTHUMBERLAND BRANCH, PHARMACEUTICAL SOCIETY, No. 2 chemistry lecture theatre, King's College, University of Newcastle upon Tyne, at 7.30 p.m. Dr. N. A. Wynne on "Antibiotics."

SALISBURY BRANCH, NATIONAL PHARMACEUTICAL UNION, Old House restaurant, 47 New Street, Salisbury, at 7.45 p.m. Annual meeting.

WORCESTER CITY AND COUNTY BRANCH, PHARMACEUTICAL SOCIETY, Star hotel, Worcester, at 8 p.m. Mr. T. Brown (area manager, Geigy Pharmaceutical Co., Ltd.) on "Diuretic Therapy and Modern Diuretics."

Wednesday, November 4

BOURNEMOUTH BRANCH, PHARMACEUTICAL SOCIETY,

Post-graduate medical centre, Boscombe, Bournemouth, at 1 p.m. Mr. J. D. Hooper on "What are Orthodontics?"

BRISTOL BRANCH, PHARMACEUTICAL SOCIETY, Grand hotel, Broad Street, Bristol, at 7.30 p.m. Annual dinner and dance.

GUILDFORD BRANCH, PHARMACEUTICAL SOCIETY, Hog's Back hotel, Sculc, Farnham, at 6.45 p.m. Annual dinner.

OILS AND FATS AND AGRICULTURE GROUPS, SOCIETY OF CHEMICAL INDUSTRY, 14 Belgrave Square, London, S.W.1, at 6 p.m. Mr. R. B. Wright on "The Use of Antioxidants in Fishery Products."

PLYMOUTH BRANCH, PHARMACEUTICAL SOCIETY, Duke of Cornwall hotel, Plymouth, at 7 p.m. Annual dinner and dance.

SOCIETY FOR ANALYTICAL CHEMISTRY, Wellcome Building, Euston Road, London, N.W.1, Papers on "Toxic Substances in Air."

SOUTH-WEST LONDON CHEMISTS' ASSOCIATION, Civic suite, town hall, Wandsworth, London, S.W.18, at 6.30 p.m. Annual dinner and dance.

UNIVERSITY OF LONDON, INSTITUTE OF DISEASES OF THE CHEST, Brompton Hospital, Fulham Road, London, S.W.3, at 5 p.m. Dr. K. M. Citron on "Drug-resistant Tuberculosis."

Thursday, November 5

CHESTER BRANCH, PHARMACEUTICAL SOCIETY, The Blossoms hotel, Chester, at 8 p.m. Mr. A. Aldington (a member of Council) on "The Society's Proposed New Constitution."

EAST METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY and the WEST HAM ASSOCIATION OF PHARMACISTS, Roebuck hotel, Roebuck Lane, Buckhurst Hill, Essex, at 6.30 p.m. Social evening.

ISLE OF WIGHT BRANCH, PHARMACEUTICAL SOCIETY, Gloster hotel, Cowes, at 7.30 p.m. Annual dinner and dance.

MEDICAL GROUP, ROYAL PHOTOGRAPHIC SOCIETY, Royal Free Hospital School of Medicine, 8 Hunter Street, London, W.C.1, at 6.30 p.m. Papers by members of the School's academic staff.

MICROBIOLOGY GROUP, SOCIETY OF CHEMICAL INDUSTRY, Large lecture theatre, School of Pharmacy, 29 Brunswick Square, London, W.C.1, at 2.30 p.m. Papers on "Practical Problems in Detergency and Disinfection."

Friday, November 6

FINE CHEMICALS GROUP, SOCIETY OF CHEMICAL INDUSTRY, 14 Belgrave Square, London, S.W.1, at 6.30 p.m. Mr. R. B. Wright on "The Practical Application of Antioxidants in Food, Pharmaceuticals and Polymers."

MERSEYSIDE BRANCH, NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Stork hotel, Queen's Square, Liverpool, at 7.30 p.m. Film evening.

READING BRANCH, PHARMACEUTICAL SOCIETY, St. George's Hall, St. George's Road, Reading, at 8 p.m. Professor F. Camps (a Home Office pathologist) on "Poisoning — Accident, Suicide or Murder."

SCOTTISH DEPARTMENT, PHARMACEUTICAL SOCIETY, 36 York Place, Edinburgh, at 7.45 p.m. Sir John Bruce (professor of clinical surgery, University of Edinburgh) on "New Approaches in the Management of Cancer."

UNIVERSITY OF LONDON, Post-graduate Medical School of London, 150 Du Cane Road, London, W.12, at 4 p.m. Professor T. B. Counihan on "Diuretics and Heart Failure."

Exhibitions and Fairs

MOUNT ROYAL GIFT FAIR, Mount Royal hotel, Marble Arch, London, W.1. Organised by Trade Promotion Services, Ltd., St. Dunstan's House, Carey Lane, London, E.C.2. Items being shown include toilet goods, brushware, compacts, dressing-table sets and general fancy goods. December 14-16, 9 a.m. to 6 p.m. December 17, 9 a.m. to 5 p.m.

COMMERCIAL TELEVISION

Figures in these columns represent the number of appearances of the "spot" during the week

November 8-14

	London	Midland	North	Scotland	Wales	South	North-east	Anglia	Ulster	Westward	Border	Grampian	Eireann	Channel Is.	W. & N. Wales		
Alka-Seltzer	10	3	7	3	5	7	—	7	7	6	8	6	3	6
Antussin	2	2	2	1	4	2	2	1	3	—	—	—	—	—
Askit powders and tablets	...	—	—	14	—	—	—	—	—	—	—	—	—	—	—	—	—
Aspro	6	6	6	6	6	6	6	6	6	6	6	6	6	6
Complan	3	3	3	—	—	—	—	—	—	—	—	—	—	—
Cuticura preparations	2	2	2	2	2	—	—	2	—	—	—	3	—	—
Dentu-creme	1	—	1	2	1	1	—	1	1	2	—	—	—	—
Dethmor	—	1	1	—	—	1	1	1	—	—	—	—	—	—
Dinneford's magnesia	—	1	—	—	1	—	—	1	—	—	—	—	—	—
Disprin	—	2	1	1	1	2	2	3	2	2	1	2	—	3
Farlene	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Ficy Jack ointment	—	—	3	—	—	—	—	—	—	—	—	—	—	—
Glovelies	—	3	—	—	—	—	—	—	—	—	—	—	—	—
Imperial Leather soap	4	2	2	—	2	2	2	3	2	3	2	—	—	—
Loxene shampoo	1	1	4	1	1	2	1	1	1	1	1	—	—	—
Moorland indigestion tablets	—	—	—	1	—	—	1	—	—	—	—	—	—	—
Nulon	1	1	1	1	1	2	1	2	1	1	1	2	—	—
Procol	3	4	3	3	3	3	2	3	4	3	3	2	2	—
Rinstead pastilles	1	1	1	1	1	1	1	1	2	1	1	—	—	—
Setlers	1	—	2	—	2	—	—	—	1	—	—	—	—	—
Veno's cough mixture	1	3	3	2	2	1	2	2	1	1	1	—	1	—
Woodward's gripe water	—	1	1	1	1	1	1	1	—	1	—	1	—	—
Wright's coal tar soap	1	—	—	—	1	1	2	—	2	—	—	—	1	—

PATENTS

COMPLETE SPECIFICATIONS ACCEPTED
From the "Official Journal (Patents)," October 7

1-substituted isatin- β -thiosemicarbazones, their preparation and pharmaceutical preparations containing them. Wellcome Foundation, Ltd. 975,357.

Production of compounds of the vitamin A series. Philips' Gloeilampenfabrieken, N.V. 975,361.

Method for incorporating colour formers in emulsions. General Aniline & Film Corporation. 975,363.

Cation-exchange resin. Dow Chemical Co. 975,365.

Process for the production of acid derivatives. Farbenfabriken Bayer, A.G. 975,368.

Diamide and pharmaceutical preparations containing it. G. O. Shipton (Compagnie Francaise des Matieres Colorantes). 975,370.

Thiadiazole derivative and process for its preparation. Pharmacia, A.B. 975,376.

Preparation of γ -aminobenzylpenicillin and salts thereof. Beecham Research Laboratories, Ltd. 975,379.

Multivitamin compositions. Merck & Co., Inc. 975,387.

Ileostomy device. A. L. Behsman. 975,392.

Production of cephalosporin C. Merck & Co., Inc. 975,393.

Cephalosporin C. Soc. Farmaceutici Italia. 975,394.

Production of photographs capable of exhibiting a relief effect when projected. E. H. Wright. 975,397.

Collapsible cartons. Tillotsons (Liverpool), Ltd. 975,414.

Twin-lens mirror reflex photographic cameras. Rollie-Werke Franke & Heidecke. 975,420.

Methods of subjecting the moisture content in a mass of frozen material to sublimation. F. Mansresi. 975,428.

Mirror objective particularly suitable for photographic purposes. C. Zeiss. 975,446.

Photographic films and methods of producing photographic records. A. F. Daech. 975,456.

Photographic films. A. F. Daech. 975,457.

Derivatives of dibenzocyclo-heptadienes and their preparation. Ayerst, McKenna & Harrison, Ltd. 975,465.

Antibiotics. Bristol-Banyu Research Institute, Ltd. 975,492.

Sensitising dyes and sensitised photographic emulsions. Gevaert Photo-Producten, N.V. 975,504.

Reversible cine-film cassette and cine-camera for use therewith. Agfa, A.G. 975,525.

Vinyl ketones and their derivatives of use as intermediates in steroid synthesis. H. Smith. 975,591.

Diketones. H. Smith. 975,592.

Substituted phenylhexanones of use as intermediates in steroid synthesis. A. Smith. 975,593.

Substituted octalinones and tetrahydroindanones of use as intermediates in steroid synthesis. H. Smith. 975,594.

Substituted decalones and hexahydroindanones of use as intermediates in steroid synthesis. H. Smith. 975,595.

Preparation of steroids and D-homo-steroids related to oestrone. H. Smith. 975,596.

Basically substituted propanols and pharmaceutical preparations containing them. Farbwerke Hoechst, A.G. 975,597.

Alkenylamines and pharmaceutical preparations containing them. Farbwerke Hoechst, A.G. 975,598.

Derivatives of 14-hydroxynorcodeine and their production. Edinburgh Pharmaceutical Industries, Ltd. 975,601.

Derivatives of 14-hydroxynorcodeinone and their production. Edinburgh Pharmaceutical Industries, Ltd. 975,601.

Organosilicon compounds. Dow Corning Corporation. 975,603.

Hydantoin derivative. Zambon, S.p.A. 975,704.

Preparation of 3-alkylmercapto phenothiazines and intermediates formed in the process. Westminster Bank, Ltd. 975,705.

N-substituted derivatives of 2-amino-1-(2,5-dimethoxyphenyl)-propan-1-ol. Wellcome Foundation, Ltd. 975,706.

Process for the preparation of isolated living cells, cell cultures and virus cultures. Laboratoire Choay. 975,716.

Process for producing β -amino- μ -hydroxybutyric acid. Kakcn Kagaku, K.K. 975,722.

Medicament administering apparatus. Pfizer, Ltd. 975,754.

Nitration of alkylbenzenes. Allied Chemical Corporation. 975,769.

Antibiotic porfiromycin. Upjohn Co. 975,771.

Manufacture of photographic colour images. Gevaert Photo-Producten, N.V. 975,773.

Ammonia synthesis gas process. W. H. Marshall. 975,775.

Sulphonamide derivatives. Chugai Seiyaku, K.K. 975,812.

Xanthine oxidase inhibitors. Wellcome Foundation, Ltd. 975,850.

Closure caps for containers such as bottles. Armstrong Cork Co. 975,864.

Capsels for container closures. American Flange & Manufacturing Co., Inc. 975,865.

Vitamin-A-acid azide and process for preparing it. Farbwerke Hoechst, A.G. 975,868.

Medical tampon for the treatment of cavities of the human body. P. Kramer. 975,872.

Process for the manufacture of aminomethylene-malononitrile. F. Hoffmann-La Roche & Co., A.G. 975,874.

Lyseric acid. Soe. Farmaceutici Italia. 975,880.

British patent specifications relating to the above will be obtainable (price 4s. 6d. each) from the Patent Office, 23 Southampton Buildings, Chancery Lane, London, W.C.2, from November 18.

From the "Official Journal (Patents)," October 14

Hearing aid of the spectacles type. Electric and Musical Industries, Ltd. 975,891.

Surgical aspirators. F. B. Trainin. 975,912.

Sulphonation of organic compounds. Colgate-Palmolive Co. 975,914.

Polymethine dyes, processes of making them and photographic elements containing them. Kodak, Ltd. 975,922.

N-heterocyclic, 2,6-dialkyl benzoic acid esters. Sandoz, Ltd. 975,924.

3,4-dihydro-1,2,4-benzothiadiazine-1,1-dioxides. Scherico, Ltd. 975,925.

Pesticidal compounds. Rohm & Haas Co. 975,926.

Photographic colour emulsions. Gevaert Photo-Producten, N.V. 975,928.

Production of coloured photographic images. Gevaert Photo-Producten, N.V. 975,930, 975,932, 975,940.

Pharmaceutical antimalarial compositions. The Wellcome Foundation, Ltd. 975,938.

Anesthetic injections containing lignocaine with adrenaline or noradrenaline. Boots Purc Drug Co., Ltd. 975,984.

Herbicidal compositions. Velsicol Chemical Corporation. 976,000.

Fungicidal benzoisothiazolones. Montecatini Societa Generale per l'Industria Mineraria e Chimica. 976,028.

Steroid compounds. G. D. Searle & Co. 976,051.

Photoflash lamp. Westinghouse Electric Corporation. 976,061.

Lumiergoline derivatives. Soc. Farmaceutici Italia. 976,065.

Tube connector for use in hearing aids. Bernatone, Ltd. 976,067.

Photographic objective. Carl Zeiss-Stiftung (trading as Zeiss, C.). 976,076.

Detergent compositions in bar form. Procter & Gamble, Ltd. 976,081.

Method for producing a lime hydrate. G. & W. H. Corson, Inc. 976,085.

Method for producing L-homoserine by fermentation process. Kyowa Nakko Kogyo Co., Ltd. 976,093.

Pharmaceutical compositions. Chemische Werke Albert. 976,096.

Slide projection interlock system for the slide-changing and editing mechanisms. Eastman Kodak Co. 976,173.

Production of halogen-containing compounds. Monsanto Chemicals, Ltd. 976,201.

Steroids. G. D. Searle & Co. 976,215.

Substituted phenothiazines and intermediates therefor. Smith Kline & French Laboratories. 976,216.

Substituted phenothiazines. Smith Kline & French Laboratories. 976,217.

Photographic emulsions and elements. E. I. du Pont De Nemours & Co. 976,221, 976,222.

Carboxycycloalanyl cephalosporins. Eli Lilly & Co. 976,225.

Method for preparing derivatives of 4-(N-aryl-alkanamido) piperidines and related compounds. Research Laboratorium Dr. C. Janssen, N.V. 976,226.

Direct print photographic materials. Eastman Kodak Co. 976,261.

Oestradiol esters and processes for their production. E. Merck, A.G. 976,277.

Preparation and use of alginates. Calmic, Ltd. 976,301.

Photographic stripping film. Eastman Kodak Co. 976,315.

Derivatives of heparin and processes for their preparation. Roussel-Uclaf. 976,318.

Production of cyclohexanone. Allied Chemical Corporation. 976,339.

Device for controlling photographic exposure times. F. Frungel. 976,376.

Process for preparing 4-hydroxy-3-keto-5a-steroids and ethers of 3-hydroxy- Δ^3 -5a-steroids intermediates therein. Francesco Vismara, S.p.A. 976,379.

Gelatin derivatives. Gevaert Photo-Producten, N.V. 976,391.

Pharmaceutical compositions comprising solutions of salicylamide. Willows Francis, Ltd. (trading as Pharmaceutical Manufacturing Co.). 976,393.

Photographic silver halide emulsions of increased sensitivity. Kodak, Ltd. 976,394, 976,395.

Image viewing apparatus. K. von Brunowsky. 976,403.

Preparation of 12-aminododecanoic acid. Rhone-Poulenc, S.A. 976,416.

Fungicidal and herbicidal compositions comprising carbamoyl disulphides. Farbenfabriken Bayer, A.G. 976,428.

Photographic material having a layer of a photopolymerizable composition. Kodak, Ltd. 976,469.

Alicyclic carboxylic acids and their salts and esters. Rhone-Poulenc, S.A. 976,513.

British patent specifications relating to the above will be obtainable (price 4s. 6d. each) from the Patent Office, 23 Southampton Buildings, Chancery Lane, London, W.C.2, from November 25.

CONTEMPORARY THEMES

Subjects of contributions in current medical and technical periodicals.

ESTIMATING BLOOD-SUGAR. A rapid enzyme-strip method for. *Lancet*, October 24.

PRONETHALOL. Action of, on parkinsonian tremor. *Lancet*, October 24.

TREATMENT OF ASPIRIN POISONING. Alkaline diuresis in. *Brit. med. J.*, October 24.

A NEW INHALANT in asthma and bronchitis. Controlled study of. *Brit. med. J.*, October 24.

PREDNISOLONE. Urinary excretion of, after intrarectal therapy in ulcerative colitis. *Brit. med. J.*, October 24.

PAIN following E.C.T. modified by muscle relaxants. *Brit. med. J.*, October 24.

ADHERENCE of bath oil to keratin. *Brit. med. J.*, October 24.

IODINOL: Properties, prospects. *Pharmacist*, September.

SPECTROPHOTOMETRIC ESTIMATION of m-aminophenol and PAS in pharmaceutical preparations. *Indian J. Pharm.*, September.

THE MACROLIDE ANTIBIOTICS. Biosynthesis of. *J. roy. Inst. Chem.*, October.

7-HYDROXYCHLORPROMAZINE: Potential toxic drug metabolite in psychiatric patients. *Science*, October 2.

SKIN PROTECTION AND CLEANSING. Experimental studies on. *Amer. Perf. and Cosm.*, September.

PERFUMERY MATERIALS. The effect of, on protozoa. *Amer. Perf. and Cosm.*, September.

EMULSIFIABLE PESTICIDE CONCENTRATES. *Soap and chem. Specialities*, September.

PROPELLANTS for water base aerosols. *Soap and chem. Specialities*, September.

AUTO-IMMUNE DISEASE: Cause or consequence? *Vet. Rec.*, October 24.

CHOLESTEROL. *New Scientist*, October 22.

AMPHETAMINE. Effect of, on spinal reflexes. *Nature*, October 24.

GONADOTROPINS. Assay of, by the deciduoma method. *Nature*, October 24.

OXYTOCIN. Metabolic effects of, in the chicken. *Nature*, October 24.

Spotlight your bottles with elegant caps from IBC



THE INTERNATIONAL BOTTLE CO LTD

140 PARK LANE • LONDON W1 • TELEPHONE: MAY 6992 (5 LINES) • TELEGRAMS: AUTREFOIS AUDLEY LONDON

woman's
REALM
Woman
Woman's
own
**woman's
*mirror***

a lace edged handkerchief
FREE



...with every pack of new
 Peggy Sage perfumed talc

Tucked inside the lid of every pack of Peggy Sage's new luxury talc is a gift for you—a delicately perfumed lace-edged handkerchief. It's Peggy Sage's way of telling you this new talcum powder is simply wonderful. Tie a knot in your old handkerchief to remind you to get some today.

**THREE DELICATE
 FRAGRANCES**
 WILD SAGE
 PINK SAGE
 BLUE SAGE

Peggy Sage
TRADE MARK

THE LUXURY TALC WITH A GIFT FOR YOU!



LAUNCH OF PEGGY SAGE NEW PERFUMED TALC GIVES YOU 40% PROFIT

- ＊ New Peggy Sage Perfumed Talc is launched with a trade bonus of 12 for 11, giving you up to 40% profit on returns.
- ＊ Following its success in test market, this new talc is now being launched nationally in time for the Christmas gift season.
- ＊ Consumer advertising in the four major women's magazines will feature the unique premium included in every pack of Peggy Sage Perfumed Talc—a free lace-edged handkerchief.
- ＊ Incidentally, there are two extra handkerchiefs for you for every dozen ordered, as your free gift from Peggy Sage.
- ＊ Order now for maximum profits during the big pre-Christmas season. Contact your wholesaler or us—by mail or phone—NOW!



Peggy Sage
TRADE MARK

CHESEBROUGH-PONDS LIMITED, VICTORIA ROAD, WILLESDEN, LONDON, N.W.10.

CABDRIVERS LINCTUS AND PASTILLES

DISPLAY BONUS

12

FOR THE PRICE OF

11

**ON BOTH LINCTUS
AND PASTILLES**



For DIRECT ORDERS only.
Carriage paid £5 net and over, one delivery.

HOW TO GET YOUR BONUS

12 for the price of 11 offer is open from November 1st to November 30th. Bonus for retail chemists only. Order through your Cartwright representative or direct. Help us to help you by displaying Cabdrivers. This is a Chemists-only line.



CABDRIVERS
ADULT
LINCTUS
2/9d. & 4/9d.
RETAIL



CABDRIVERS
JUNIOR
GLUCOSE
LINCTUS
2/3d. & 3/9d.
RETAIL



CABDRIVERS
COUGH
PASTILLES
2/11d. RETAIL

NATIONAL ADVERTISING SEEN 47 MILLION TIMES IN
TIT-BITS · CHRISTIAN HERALD · UNIVERSE AND CATHOLIC
TIMES · WEEKLY NEWS AND YORKSHIRE EVENING POST.

CABDRIVERS SALES ARE SOARING up by 33% last winter.
Take advantage this winter with the BONUS OFFER.

Distributed only through:

W. B. CARTWRIGHT LTD · RAWDON · LEEDS

Bulk Suppliers of DISINFECTANTS & ANTISEPTICS

CARBOLIC DISINFECTANTS

Black & White types—all strengths

MARKET & FARM DISINFECTANTS

Approved for use under Diseases of Animals Orders

PINE & AROMATIC DISINFECTANTS

LYSOL B.P.

QUATERNARY AMMONIUM COMPOUNDS

ROXENOL B.P., etc.

Packed in 1, 5, 10 and 40 gallon drums

PRINTAR INDUSTRIES LTD.

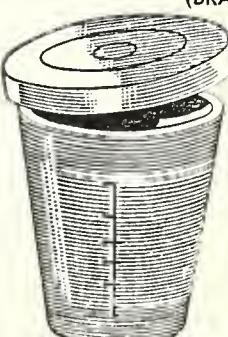
BRETTEBNHAM HOUSE, LANCASTER PLACE,
STRAND, LONDON, W.C.2

Telephone: TEMPLE BAR 5801 (8 lines)

Works: PRINCE REGENT'S WHARF, SILVERTOWN, LONDON, E.16
Telephone: ALBERT DOCK 3311

AMBYTHENE

(BRAND OF POLYTHENE)



MEDICINE MEASURES

UNBREAKABLE—ACCURATE
GRADUATED IMPERIAL AND
METRIC DOSAGE

Obtainable from usual distributors.

1 oz	5/- dozen
2 oz	8/9 "
2 oz with lid	12/1 "

Wholesaler's supplies
obtainable direct from

AMPLEX APPLIANCES (KENT) LTD.
6A TYLNEY ROAD, BROMLEY, KENT

Ravensbourne (SS31)

ESTABLISHED 1793

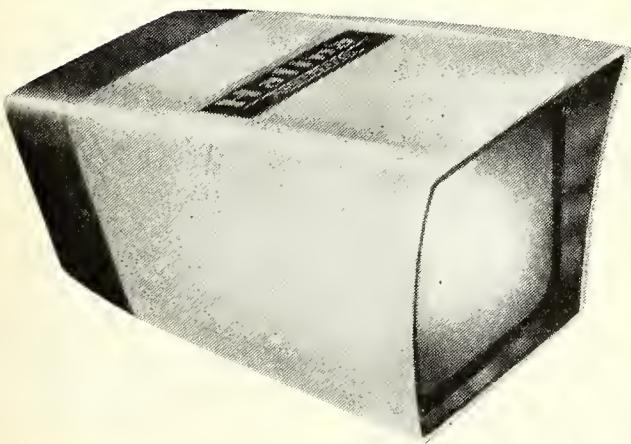
ATKINSON & BARKERS INFANTS' PRESERVATIVE

The Infants' Medicine
of 150 years' standing

For teething and digestive troubles

ROBERT BARKER &
SON LTD
5 GLISSON ROAD, CAMBRIDGE
Tel: Cambridge 54049

Halina



VIEWERS AND PROJECTORS

HALINAMAT

2" x 2" AUTOMATIC PROJECTOR

- f2.8/100mm hard coated lens
- Blower cooled
- Manually operated slide change
- Accepts all 2" x 2" slides
(Metal, plastic, cardboard etc)
- Double Condensers
- Heat absorbing filter
- On/Off switch
- Helical focusing

£12 - 12 - 0

300 watt lamp £1 13. 0

HALINA 2" x 2"

TABLE VIEWER

- Extra large CHANCE PILKINGTON lenses
- Hood styling cuts out extra light
- Extra large magnification - 2½ times
- Overall illumination - NO HOT SPOT
- Battery operated - takes two U11 batteries
- Tilts back in standing position

32/6 U11 Batteries 5d each

HALINA

AMBASSADOR

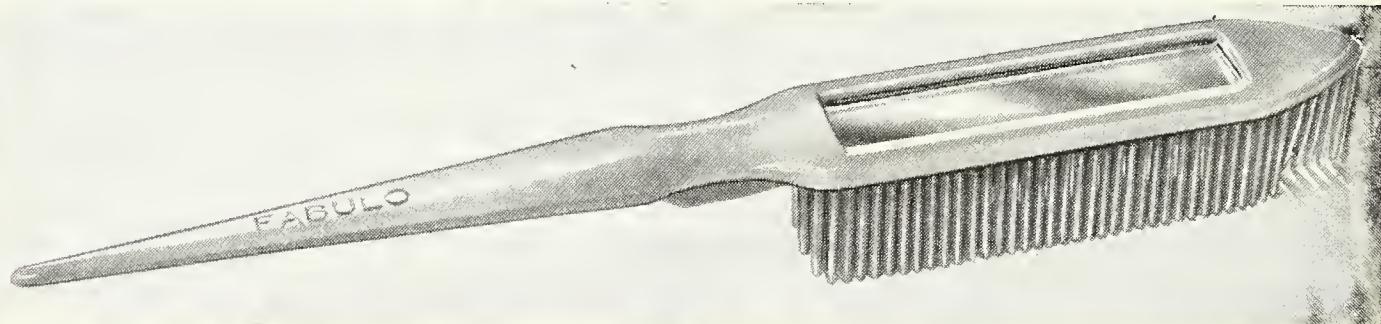
- Battery or daylight viewing
- CHANCE PILKINGTON precision lenses
- Accepts all 2" x 2" slides
- NO HOT SPOT
- Tilts back in standing position
- Attractive two-tone styling
- Battery operated
- Takes two U7 batteries

19/9 U7 Batteries 8d each

sole distributors to the trade:

J. J. SILBER LTD., 11 Northburgh Street, London, E.C.1 Telephone: CLErkenwell 8031 (10 lines)

—ANOTHER NEW PRODUCT—
“FABULO” BRAND (Regd.)



3 IN 1 Combined MIRROR-BRUSH and TAIL COMBS (Length 8 $\frac{1}{2}$ " Width 1")

Because of low price another money spinner....

★ The Public are convinced that an article which bears the “FABULO” brand is useful, of high quality and excellent value.

The price per doz. in assorted pastel colours and white is **9/9d.**
plus 25% P.T. Suggested to retail at **1/6d.** each.

EXPORTERS' AND WHOLESALERS' INQUIRIES WELCOMED

HAETAM LTD.

63 Corporation Street, Manchester 4. Tel: BLA 3882

Est. 1921

NOVEMBER
IS THE MONTH FOR DISPLAYING
THERMONA
THE LEADING CHEMIST-ONLY TOPICAL ANALGESIC



vote Thermona the display period product of the month

Use the special display material that will help you sell more Thermona this November.

EXTRA BONUS SPECIAL

On direct orders of only 2 dozen, you get an extra discount of 15%.

thermona

*get onto your rep now!



Smith & Nephew Pharmaceuticals Ltd., Bessemer Road, Welwyn Garden City, Herts.

Electrical DEMISTER
MORE EFFICIENT THAN EVER

with PATENT HEAT REFLECTOR

Keeps shop windows clear of mist in all weathers. Easily Fitted and Cheap to Run.

Also Pegboard, Fittings, Turntables and other Display Aids.

Please write for leaflets

WHITMARLEY
KNUTSFORD ST. BIRMINGHAM 12

When your customers ask for WHEAT GERM - Sell them

FROMENT

STABILIZED PURE WHEAT GERM



Recommend for Nerves, Health & Energy—Froment has a lovely nutty flavour which everyone enjoys.

Double size (28 oz.) Family Pack only 6/-
14 oz. carton 3/3 and 7 oz. carton 1/9

Sole Manufacturers

JOHN H. HERON LTD.,
HOOK ROAD MILLS, GOOLE. TEL 1153

The

CHEMIST AND DRUGGIST
CLASSIFIED ADVERTISEMENTS

TELEPHONE: CENTRAL 6565

Address Box Number Replies to: THE CHEMIST AND DRUGGIST, 28 ESSEX ST., STRAND, LONDON, W.C.2.

APPOINTMENTS — 27/- per $\frac{1}{2}$ " s.c. minimum and pro rata. **AGENTS** — **AUCTION SALES** — **BUSINESSES FOR SALE** and **WANTED** — **CLEARANCES and WANTS** — **CONTRACTS** — **MISCELLANEOUS** — **PATENTS** — **PARTNERSHIPS** — **PREMISES** — **PUBLIC and LEGAL NOTICES** — **SITUATIONS VACANT**. Run-on — 4/6 per line (minimum 22/6). Semi-display — 27/- per $\frac{1}{2}$ " s.c. minimum displayed with border rule, larger type faces and blocks — 67/6 per s.c.i. minimum. Reduced rates for one-third, one-half, and full pages on application. **SITUATIONS WANTED** — 7/6 per 18 words minimum, then 5d. per word. Use of Box No. — 3/-. Advertisements received by 4 p.m. Tuesday published same week.

PREMISES

OXFORD CITY, in established shopping parade on Council Housing Estate between Headington and Cowley. Good modern lock-up shop with storage space, cloakroom and garage. Suitable for pharmacy or drug store. To be let by public tender on lease. Two-bedroom maisonette may be available. Tenders to be received not later than Noon on the 20th November, 1964. For full particulars and to view apply City Estates Surveyor, City Chambers, Queen Street, Oxford. C 9614

TO LET
SHOP

with flat above.
 Hoe Street, Walthamstow, E.17.
 Multiple position.
 No premium, long lease.
 Rent £2,250 p.a. excl.
CURZON GROUP OF COMPANIES,
 13 Green Walk, N.W.4
 Phone: SUN. 3253
 C 9610

SPLENDID opportunity for qualified chemist at old-established drug store at Lingfield, Surrey. House, garden and ample storage space. £780 p.a. excl. Apply: Ovenden, 31 Tithe Pit Shaw Lane, Warlingham, Surrey. Tel.: UAO. 2422. C 6444

BUSINESSES FOR DISPOSAL

DRUG STORE. South coast lock-up. Seven years' lease at £200 p.a. Exclusive nett profit to working proprietor £1,820 p.a. Price £3,750, s.a.v. Vendor will accept down payment. Box C 6447.

LESLIE, FIFE. A well-established pharmacy is offered for sale, including house and shop. House newly decorated and centrally heated throughout. Stock at valuation. For further particulars apply Wallace, Davidson & Black, Solicitors, 150 High Street, Kirkcaldy. Tel.: 6124. C 6440

BUSINESSES WANTED

MIDLANDS! Drug stores or suitable premises wanted. E. T. Perks, 16 New Street, Dudley. DU 52368. C 6451

APPOINTMENTS

BIRMINGHAM ACCIDENT HOSPITAL AND REHABILITATION CENTRE, BATH ROW, BIRMINGHAM, 15

Pharmacist

(Basic Grade), £761—£1,019 per annum, for interesting work in a well equipped Pharmacy. Applications, giving full details and naming two referees, to Administrator. C 9603

BUCKLAND HOSPITAL, DOVER

Senior Pharmacist
 required for an expanding hospital. National Scale of Salaries payable. Applications in writing, stating experience and the names and addresses of two referees, to be sent to the Hospital Secretary. C 9615

CHARING CROSS GROUP OF HOSPITALS, FULHAM HOSPITAL, ST. DUNSTANS ROAD, W.6

Part-time Pharmacist
 required for one or more sessions per week. £2 2s. 7d. per four-hour session. Applications to, and further information from, Chief Pharmacist, RIVerside 9161, Ext. 5. C 9543

FULHAM HOSPITAL, ST. DUNSTANS ROAD, W.6

Dispensing Assistant
 required, preferably with Apothecaries' Hall Certificate. Applications, with names of two referees, to Hospital Secretary, Fulham Hospital, St. Dunstans Road, W.6. C 9544

HAMMERSMITH HOSPITAL AND POST-GRADUATE MEDICAL SCHOOL, DU CANE ROAD, LONDON, W.12

Pharmacist
 required at above general post-graduate teaching hospital (Category V). Post offers varied work and excellent experience. Previous experience not essential. Enlargement and modernisation of Department now completed. Whitley salary scale £761—£1,019 per annum plus London allowance. Commencing salary within the scale according to age and experience. Applications, stating age, qualifications and experience, and naming two referees, to Chief Pharmacist. C 686

HILL END HOSPITAL, ST. ALBANS, HERTS

Chief Pharmacist (Category II)
 required for the above modern and progressive psychiatric hospital of some 750 beds. The post will be vacant on January 1, 1965, on the retirement of the present occupier. Hospital house available to rent. Salary £987 rising to £1,323 per annum. Conditions of service in accordance with the recommendations of the Pharmaceutical Whitley Council. Post subject to National Health Service (Superannuation) Regulations. Form of application and further particulars obtainable from the Hospital Secretary. C 687

LONDON JEWISH HOSPITAL, STEPNEY GREEN, E.1

Locum Pharmacist
 required at the above hospital. Modern department. Every third Saturday morning off. Previous Hospital experience not essential. Salary £19 19s. per week. Applications to the Chief Pharmacist (Telephone STE. 1222, Ext. 219). C 9550

HOSPITAL MANAGEMENT COMMITTEE No. 9, WAKEFIELD "A" GROUP

Senior Pharmacist
 required for busy sterilising and manufacturing department in a category IV group hospital. Modern equipment includes newly installed rapid cooling fluids autoclave. Post offers excellent experience. Salary £851—£1,113. Whitley Council conditions, Application Form from Group Secretary, 113 Northgate, Wakefield C 9562

KING EDWARD VII HOSPITAL, WINDSOR

Dispensing Assistant
 required. Applications with details to service to Secretary. C 9602

LONDON JEWISH HOSPITAL, STEPNEY GREEN, E.1

Pharmacist
 required at the above hospital. Modern department giving good general experience. Every third Saturday morning off. Previous hospital experience not essential. Whitley Council conditions of service and salary. Applications in writing stating age, qualifications and experience together with the names of two referees to the Chief Pharmacist. C 9549

LUTON AND DUNSTABLE HOSPITAL, LUTON, BEDS (400 Beds)

Deputy Chief Pharmacist
 Applications are invited for the post of Deputy Chief Pharmacist (Category IV Hospital) at the above acute general hospital. Salary scale £898 rising to maximum of £1,223 with Whitley Council conditions. The hospital is a busy one, with a newly opened Ward Block, a new Accident Service and New Ancillary Departments. Extensive developments are still proceeding. Written applications naming two referees, to Hospital Secretary. C 9616

MAIDENHEAD HOSPITAL, BERKSHIRE

Dispensing Assistant
 required to assist Chief Pharmacist. Post vacant 2nd November. Applications giving qualifications, and experience, with copies of two testimonials or two referees to Secretary. C 9589

MAIDENHEAD HOSPITAL

Chief Pharmacist (Category II)
 required Maidenhead Hospital, in charge of department with one assistant. Post vacant 1st February. Salary £987 rising to £1,323 per annum. Possibility of accommodation being available for female. Applications stating age, qualifications, experience and names of two referees to Secretary, Windsor H.M.C., Kipling Memorial Buildings, Alma Road, Windsor, by 13th November. C 9608

Appointments—Continued**NEWMARKET GENERAL HOSPITAL****Dispensing Assistant**

required in modern Group Pharmacy. Ideal working conditions, alternate long week-ends. Applications giving age, experience and names of two referees to the Group Pharmacist. C 9606

NORTH WIRRAL HOSPITAL MANAGEMENT COMMITTEE, MILL LANE, WALLASEY**Senior Pharmacist**

Applications are invited for the appointment of Senior Pharmacist, vacant from 1st January, 1965. Salary £851 by increments to £1,113, and conditions of service are in accordance with Pharmaceutical Whitley Council Committee "C." Applications stating age, previous experience and names and addresses of two referees to Group Secretary. C 9597

NOTLEY HOSPITAL, BRAINTREE, ESSEX**Dispensing Assistant**

Applications are invited for Dispensing Assistant. Permanent and pensionable appointment. Salary and conditions according to Whitley Council Scales. Previous hospital experience, Certificate of the Society of Apothecaries, R.A.M.C., R.A.F., or equivalent qualifications taken into account for commencing salary. Interesting post, covering wide sphere of activity. Good residential accommodation available if required. Applications giving age, present and previous experience with names and addresses of two referees to Hospital Secretary immediately from whom further details may be obtained. C 9590

PADDINGTON GENERAL HOSPITAL, HARROW ROAD, W.9**Locum Pharmacist**

required for indefinite period. Apply immediately to the Hospital Secretary. C 666

ROYAL FREE HOSPITAL**Pharmacist**

Applications are invited for the post of Pharmacist at the above Hospital. Whitley Council salary scale with extra pay for evening clinics. Apply naming two referees to Group Chief Pharmacist, Royal Free Hospital, Gray's Inn Road, W.C.I. C 679

ST. ANDREW'S HOSPITAL, DEVONS ROAD, BOW, E.3**Locum Pharmacist**

required at the above hospital for eight weeks' period commencing beginning of November 1964. Apply to Hospital Secretary (telephone: EAST 2030) C 9612

STORTHES HALL GROUP HOSPITAL MANAGEMENT COMMITTEE**Senior Pharmacist**

Applications are invited for the post of Senior Pharmacist (Category III Hospital). Salary Scale £851 to £1,113 per annum. No residential accommodation available. Applications stating age, experience and qualifications, together with the names of two referees, to be sent to the undersigned immediately.

E. WALSH,
Secretary.

Storthes Hall Hospital,
Kirkburton,
Nr. Huddersfield.

C 6453

THE ROYAL INFIRMARY OF EDINBURGH AND ASSOCIATED HOSPITALS**Pharmacis***

Suitably qualified persons (with Hospital experience an advantage) are invited to apply for this post. Placement according to previous Hospital Service within the Whitley salary scale £761 to £1,019 per annum. Written applications to Personnel Officer, Royal Infirmary, Edinburgh, 3, immediately. C 9592

PUBLIC APPOINTMENTS**NATIONAL HEALTH SERVICE DRUG ACCOUNTS COMMITTEE (SCOTLAND)**

Applications are invited from suitably qualified and experienced persons for the post of Clerk/Superintendent to the Drug Accounts Committee (Scotland). The Committee is responsible for the pricing of National Health Service prescriptions dispensed in Scotland and for the preparation of statistical reports on doctors' prescribing.

The successful applicant will be responsible to the Committee for the work of two Pricing Bureaux, one at the Committee's headquarters in Glasgow and one in Edinburgh, and for the control of a total staff of approximately 240. The appointment is subject to the provisions of the National Health Service (Superannuation) Regulations and will be terminable by three months' notice on either side.

The salary scale will be £1,614 rising by annual increments, £58 (1) x £57 (2) x £59 (1) x £58 (1) to a maximum of £1,903.

The person appointed may be required to undergo a medical examination. The appointment is subject to the approval of the Secretary of State. Applicants should have sound administrative experience and organising ability. Pharmaceutical knowledge would be an advantage.

Applications stating age, qualifications, experience and particulars of past and present appointments, together with the names and addresses of two referees to whom reference may be made should reach the undernoted not later than 27th November, 1964.

Envelopes should be endorsed "Clerk/Superintendent," "The Clerk,"

Drug Accounts Committee (Scotland),
137 Sauchiehall Street,
Glasgow, C.2.

C 9607

SITUATIONS VACANT**RETAIL (HOME)**

ABERDEEN. Davidson & Kay, Ltd., have a vacancy for a junior pharmacist. Replies stating age and experience, to the Managing Director, at 3 Alford Place. C 6442

BRANCH MANAGER**PHARMACIST**

Branch Manager or Manageress Pharmacist required for Pharmacy Section of new Store opening shortly on the South Coast. Excellent remuneration, permanent superannuated position.

Applications in writing giving age, details of experience, etc., to the Personnel Manager, P.I.M.C.S., Ltd., Fratton Road, Portsmouth. C 692

EARLESTOWN, nr. Liverpool. Manager required for medium-sized pharmacy. Salary £1,250 p.a. plus free living accommodation above shop. Position suitable for newly qualified or hospital-trained pharmacist. Apply to Box C 6438.

LIVERPOOL. Manager required for small suburban pharmacy, position suitable for newly qualified or hospital-trained pharmacist. Salary £25 per week. Apply to Box C 6439.

LONDON, N.W.9. Lady assistant required for dispensing and counter in recently modernised family business. Pleasant working conditions. Full-time preferred, but part-time considered. Apply: T. B. Robinson (Chemists) Ltd., 278 Church Lane, Kingsbury, N.W.9. Tel.: COLindale 6729. C 6449

SURREY. Lady assistant required for senior position, capable of taking over cosmetic buying, selling and display (all main agencies held) and willing to assist generally. Dispensing useful but not essential. Staff of six. Good atmosphere and working conditions. Modern flat, unfurnished, self-contained, four rooms with bathroom and kitchen, away from shop, available free of rent and rates. Apply giving details of experience, age, etc., in writing, to Managing Director, R. R. Skidmore (Chemists), Ltd., 30 High Street, Banstead. Phone: Burgh Heath 720. C 6434

YORK Co-operative Chemists' Society Ltd. have vacancy for manager or manageress for small branch on new estate. Separate flat available. Saturday half-day. Salary £1,217 per annum. Apply to Superintendent Chemist, York Co-operative Chemists' Society Ltd., 22 Railway Street, York. C 9582

RETAIL (OVERSEAS)

UNQUALIFIED MALE for dispensing and retail duties, interest in photographic side an advantage. Passage paid out. Reply with full details: Ray Jackson, Box 183, Ndola, N. Rhodesia. C 6415

WHOLESALE

ASSISTANT CHEMIST required for laboratory and plant work on interesting problems in the development of aromatic synthetics for the perfume industry. Minimum qualifications G.C.E. "A" level in three subjects. Permanent, pensionable position, pleasant environment, bonus scheme operating. Apply Personnel Manager, Givaudan & Co., Ltd., Whyteleafe, Surrey. C 6432

JOHN BELL & CROYDEN require the services of an experienced stockkeeper to be responsible for the buying of patents and dressings. Apply G. Brand, 50 Wigmore Street, W.I. Welbeck 5555. C 6441

CALMIC

As a result of continued expansion we are interested in receiving applications for positions as

MEDICAL REPRESENTATIVES

for territories to be created in various parts of the country.

Applicants should have a good education and hold a Pharmaceutical qualification or have a background in Medicine or Pharmacy.

Starting salary commensurate with experience, etc., Pension and Free Life Assurance Scheme in operation. Full training will be given and a car is provided.

Full details to:

Personnel Manager,
Calmic Limited,
Crewe Hall, Crewe

C 9613

MEDICAL REPRESENTATIVE (25-35 years) for Liverpool Postal Districts. Candidate experienced in medical representation preferred but consideration will be given to applicants with a suitable medical or scientific background. Company car, expenses, Pension/Life Assurance Scheme. Opportunity to train for future advancement. Applications should be sent to Asst. Personnel Manager, Vitamins, Ltd., Upper Mall, London, W.6, quoting ref.: MR/L. C 9611

PHARMACIST REQUIRED for manufacturing chemists, to be responsible for manufacturing processes. Excellent prospects for young, keen person not afraid of factory work. Apply in writing with full particulars to Harker Stagg Ltd., Emmott Street, London, E.1. C 6425

G.D. SEARLE & CO., LTD.

Manufacturers of Ethical Pharmaceuticals

An Administrative Assistant is required in the Marketing Division. He will deal with the compilation and dissemination of technical and commercial information, including market research data, and assist in the training of salesmen. Technical qualifications will be an advantage but are not essential. The post offers interesting and varied work for a young man under 35, and an attractive salary will be paid. The Company operates a five-day week, has a pension scheme, and there is a canteen on the premises. Holiday arrangements for this year will be honoured. Applications, giving details of qualifications and experience, should be made in writing to:

The Marketing Manager,
G.D. SEARLE & CO. LTD.,
High Wycombe
C 6452

AGENTS

FREELANCE AGENTS REQUIRED. Manufacturers and distributors of first-class products in the toiletry field seek representation in all parts of England and Wales. This line includes a new Hair Spray, Cream Shampoo with new formula and presentation, Skin Cream, etc. Men with experience and connections with Departmental Stores and Chemists are invited to apply for this first-class agency on a commission basis. These products are backed with national and trade advertising. Apply Dermosa Beauty Products, Ltd., 8 Radnor House, 93-95 Regent Street, London, W.1. Telephone Regent 5351. C 6445

SCOTLAND

Sole Agent required in Scotland for the distribution of the exclusive range of Correna sunglasses. Established connection with high-class chemists and top-class stores essential. Further details on request. Box C 9609.

SELLING ORGANISATION with U.K. coverage of chemists and stores is open to accept additional agencies. C 6443

SOLE SELLING AGENT required for Sussex for advertised multivitamin product, small samples, good commission for agent with chemist connection. Box C 6437.

SWISS BEAUTY PRODUCTS manufacturer wishes to appoint Republic of Ireland distributors as soon as possible. Please submit offers to Case Postale 41, Montreux, Switzerland. C 691

SITUATIONS VACANT WHOLESALE



REXALL requires a pharmacist with manufacturing and pharmaceutical development experience.

He will be responsible for liaison with the factory and all outside contractors and for purchasing. He will also have some experience of the commercial aspects of the industry.

Age 30-40. Salary will be commensurate with age and experience. Pension scheme.

Applications should be addressed to the Personnel Director, Rexall Drug Company, 19-37 Castle Boulevard, Nottingham.

C 6448

WANTED

WE WILL PURCHASE for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone: Lawrence Edwards & Co., Ltd., 6/7 Wellington Close, Ledbury Road, London, W.11. Tel.: Park 3137-8. C 140

BUSINESS OPPORTUNITIES

BUYING A HOUSE? We specialise in arranging house purchase for the professions on very attractive mortgage terms. Send a postcard today for full details. Medical Insurance Services Limited, 131 New London Road, Chelmsford, Essex. C 9569

BUY YOUR OWN EQUITY SHARE PORTFOLIO and completely protect your investment in the event of death or continued illness. Repayments attract maximum income tax relief. Write today for full details. Medical Insurance Services Ltd., 131 New London Road, Chelmsford, Essex. C 9568

MANLY MAN'S BELT. Nationally advertised "obtainable from chemists," 39/6. Full trade terms. Order by waist measurement from Manly Co., Manor House, Worcester Park, Surrey. DERwent 3877. C 635

FOR SALE

COMPLETE retail stock and drugs; offers required or exchange suggestions. Owner retiring. Box C 6431.

STANDARD SACCHARIN TABLETS. Packets of 100 — 3s. doz. Drums of 500—12s. per dozen. Drums of 1,000—22s. per dozen. Enquiries invited for packed Aspirin and Paracetamol Tablets.
Tell Products, Ltd., Welbeck Works, London, N.W.10
C 683

MACHINERY WANTED

WORSSAM rotary tablet machines. Apply Compressed Tablets, Ltd., 1 Tower Chambers, Hoe St. Bridge, London, E.17. C 6450

TABLETING PRESS required for producing 2½-inch diameter blocks. Manesty No. 3A or 35T preferred, other makes considered. Johnson Brothers, Ltd., 390-396 Clonard Road, Kimmage, Dublin, 12. C 9605

FINANCE

100% MORTGAGES AVAILABLE for professional men to £7,000. Other mortgages to £20,000. No brokers' fees. Petersfield & Co., Finance, 66 Harewood Avenue, Bournemouth. C 6388

MISCELLANEOUS

PLASTIC BABY PANTS

Manufacturers have limited quantity of Large Size, Elastic Legs, White, Pink and Blue, at:

5/9 per doz. Box C 6370

ARNOLD PRECISION SCALES. For good quality Dispensing and Drug Scales, Ratio Tablet Counting Balances, etc. May we send you illustrated literature? Holmethorpe Works, Frenches Road, Redhill, Surrey. Redhill 4301. C 684

LUXURY ELECTRIC BLANKETS 95% Wool in a delightful shade of pink with matching satin binding. Waterproof and flameproof element. Luminous on/off switch. Non-kinking flex.

Every Electric Blanket carries a three-year guarantee. Officially approved by the British Electrical Approval Board.

Conforms to the New British Standards 3456 and each blanket bears the official seal.

Very attractively boxed and presented for selling in two sizes:—

52 in. x 48 in. D.B.S. Retails £8.5.0.
52 in. x 25 in. S.B.S. Retails £4.10.0.
Offered to you at D.B.S. £4.5.0;
S.B.S. £3.0.0, including purchase tax.
Box C 6435.



**CLASSIFIED
ADVERTISEMENT
SECTION
for the
BEST RESULTS**

Whatever your want may be—securing or disposal of property or business agencies, assistants, situation or appointment, sale of equipment or surplus stock—you can always rely on this renowned medium. It provides first-class contacts either at home or overseas.

T A R I F F

APPOINTMENTS — AGENTS — AUCTION SALES — BUSINESSES FOR SALE and
WANTED — CLEARANCES and WANTS — CONTRACTS — MISCELLANEOUS —
PATENTS — PARTNERSHIPS — PREMISES — PUBLIC and LEGAL NOTICES —
SITUATIONS VACANT

RUN-ON—4/6 per line. Minimum 22/6.

SEMI-DISPLAY—27/- per $\frac{1}{2}$ " s.c. minimum and pro rata (as used for Appointments and
"indented" advertisements).

DISPLAY—67/6 per s.c.i. minimum and pro rata.

(using border rules, larger type faces and blocks, screen 100, if required.)

Larger spaces are available at less than pro rata inch rates:—

$\frac{1}{2}$ page 9" x 1-11/12", $4\frac{1}{2}$ " x 4", 3" x $6\frac{1}{4}$ "—£30.

$\frac{1}{2}$ page $4\frac{1}{2}$ " x $6\frac{1}{4}$ "—£42.

Full page 9" x $6\frac{1}{4}$ "—£80.

Measurements given are depth x width. The single column width is 1-11/12".

SITUATIONS WANTED—7/6 for 18 words minimum, then 5d per word.

BOX NUMBERS—3/- including forwarding of replies.

Press date is 4.0 p.m. TUESDAY in London. Instructions
and 'Copy' accompanied by Remittance should be sent to:

THE PUBLISHER,

THE CHEMIST AND DRUGGIST
28 ESSEX STREET, STRAND, LONDON, W.C.2

Telephone: CENTRAL 6565

NEWALLS
Insulation & Chemical Co. Ltd.



What's new? Newalls!

This is really big news! The Washington Chemical Company Ltd., manufacturers of insulating materials and magnesia chemicals, and Newalls Insulation Company Ltd., the insulation contractors and suppliers, have amalgamated as one streamlined organisation, under the new title of Newalls Insulation & Chemical Co. Ltd.



**WASHINGTON
CHEMICALS**

NEWALLS
Insulation & Chemical Co. Ltd.
CHEMICALS DIVISION

NEWALLS INSULATION & CHEMICAL CO. LTD. Chemicals Division WASHINGTON, CO. DURHAM, ENGLAND
Telephone: Washington 3333. Grams: NEWCHEM, Washington. Telex: 53413 NEWCHEM WSHNGTN
Area Offices at London and Manchester. Agents throughout the world. A TURNER & NEWALL COMPANY



OCTOBER 31 1964



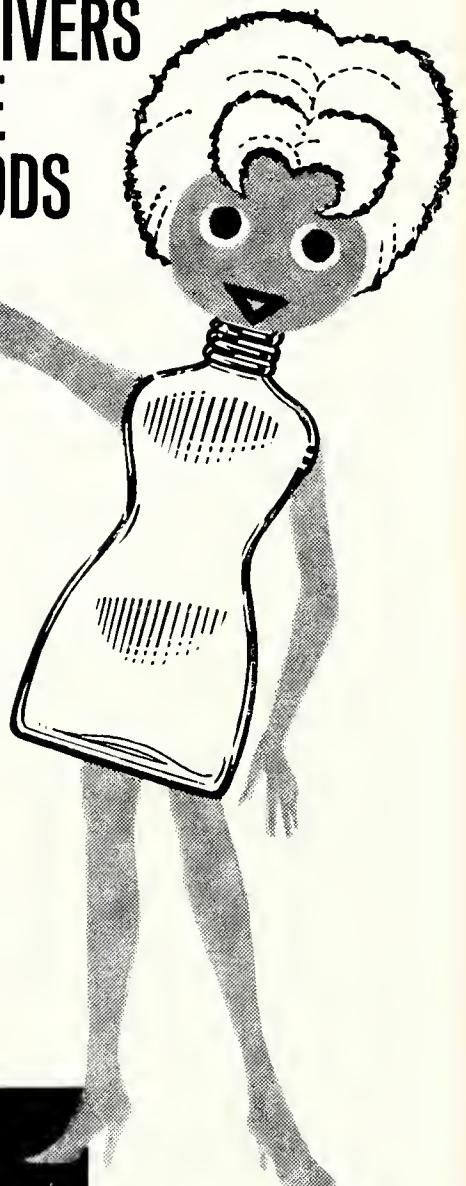
**AMBER SCREW NECK
RIBBED OVALS**
and
**EMERALD HEXAGON
POISONS**
are readily available to meet your
requirements

MEDICALS · TABLETS · RIBBED OVALS
DROPPERS · PANELS · OLIVE OILS
OVAL EMULSIONS · WINCHESTERS
POWDERS · JARS

Beatson bottles reach you on time! Comprehensive stocks of all standard lines and sizes ensure that delivery promises are kept: Beatson's, with over two hundred years' experience, supply bottles of uniform high quality, at reasonable prices, production-clean ready for use.

BEATSON, CLARK & CO. LTD.
Glass Bottle Manufacturers since 1751
ROTHERHAM · YORKSHIRE
Telephone: Rotherham 3188

**Miss Beatson
DELIVERS
THE
GOODS**



BEATSON Bottles for
busy chemists